JVC

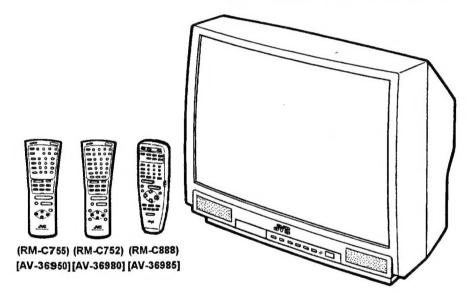
SERVICE MANUAL

COLOR TELEVISION

BASIC CHASSIS

GV

AV-36950(US&CA) AV-36980(US&CA) AV-36985(US&CA)



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SPECIFICATIONS

Items	Contents				
	AV-36950 (US&CA)	AV-36980 (US&CA)	AV-36985 (US&CA)		
Dimensions (W×H×D)	33-7/8" × 30-1/8" × 23-3/4" / 86.0cm × 76.5cm × 60.3cm				
Mass	149.2lbs / 67.8kg				
TV System and Color system		***************************************	***************************************		
TV RF System	CCIR(M)				
Color System	NTSC				
Sound System	BTSC (Multi Channel Sound)				
TV Receiving Channels and Frequency			***************************************		
VL Band	(02~06) 54MHz~88MHz				
VH Band	(07~13) 174MHz~216MHz				
UHF Band	(14~69) 470MHz~806MHz				
CATV Receiving Channels and Frequency		***************************************	***************************************		
Low Band	(02~06, A-8) by (02~06&01)				
High Band	(07~13) by (07~13)				
Mid Band	(A~1) by (14~22)				
Super Band	(J~W) by (23~36)	(54MHz~804MHz)			
Hyper Band	(W+1~W+28) by (37~64)		•		
Ultra Band	(W+29~W+84) by (65~125)				
Sub Mid Band	(A8, A4~A1) by (01, 96~99)				
TV/CATV Total Channel	180 Channels				
Intermediate Frequency		***************************************	***************************************		
Video IF Carrier	45.75MHz				
Sound IF Carrier	41.25MHz (4.5MHz)				
Color Sub Carrier	3.58MHz				
Power Input	120V AC, 60Hz		······································		
Power Consumption	130W(US) / 1.8A(CA)	135W(US) / 1.9A(CA)	—		
Picture Tube	36" (90cm) measured diagonal	ly, Full Square	***************************************		
High Voltage	31kV±1.3kV (at zero beam cu				
Speaker	3-3/16" × 4-3/4" / 8 × 12cm Ova	al type×2			
Audio Power Output	3W+3W				
Input (1 / 2)	Video : 1Vp-p 75Ω (R0	A pin jack)	***************************************		
	Audio : 500mVrms (-4dBs), High Impedance (RCA pin jack)				
	'	negative sync provided, when ter	•		
		t signal, when terminated with 7			
Audio Output	Variable : More then 0~1	550mVrms (+6dBs)	***************************************		
(Variable / Fix : Selectable)	Low Impedance	(400Hz when modulated 100%)	(RCA pin jack)		
	Fix : 500mVrms(-4dE		. , ,		
	Low Impedance	(400Hz when modulated 100%)	(RCA pin jack)		
R mouse / G-Link Output	×	3.5mm mini jack			
AV Compu link Input	3.5mm mini jack	!	··· ·······························		
Antenna terminal	75Ω(VHF / UHF) Terminal, F-	Type connector			
Remote Control Unit	RM-C755-1C	RM-C752-1C	RM-C888-1A		
VOILLOI VIII	(AA / R6 / UM-3 battery × 2)	(AA / R6 / UM-3 battery × 2)	(AA / R6 / UM-3 battery × 2		

Design & specification are subject to change without notice.

SAFETY PRECAUTIONS

- The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefore.
- 3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- 4. Use isolation transformer when hot chassis.

The chassis and any sub-chassis contained in some products are connected to one side of the AC power line. An isolation transformer of adequate capacity should be inserted between the product and the AC power supply point while performing any service on some products when the HOT chassis is exposed.

 Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.

Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: (⊥) side GND, the ISOLATED(NEUTRAL): (⊥) side GND and EARTH: (⊕) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.

If above note will not be kept, a fuse or any parts will be broken.

- If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- 7. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- 8. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a $10 \text{k}\Omega$ 2W resistor to the anode button.
- 9. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

10. Isolation Check

(Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 1100V AC (r.m.s.) for a period of one second.

(.... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

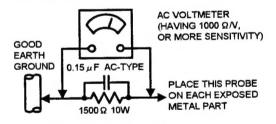
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.2mA AC (r.m.s.)

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

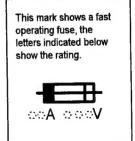
However, in tropical area, this must not exceed 0.3V AC (r.n.s.). This corresponds to 0.2mA AC (r.m.s.).

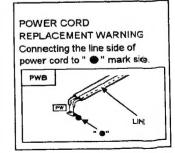


11. High voltage hold down circuit check.

After repair of the high voltage hold down circuit, this circuitshall be checked to operate correctly.

See item "How to check the high voltage hold down circuit".





FEATURES

- New chassis design enables use of a main board with simplified circuitry.
- Comb filter Improved picture quality.
- Provided with 2 tuner (TV/CATV, PIP).
- Full-square CRT (cathode ray tube) reproduces fine textured picture in every detail.
- With AV COMPU LINK EX terminal.
- Closed-caption broadcasts can be viewed.
- With AUDIO, VIDEO INPUT terminal.

- S-VIDEO input terminal for taking best advantage of Super VHS.
- Variable / Fix audio output terminal.
- Built-in PIP system.
- I²C bus control utilizes single chip ICs.
- Built-in GUIDE PLUS+ system. [AV-36980/AV-36985]
- Built-in HYPER SCAN system. [AV-36985]

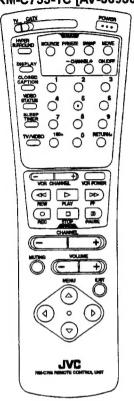
MAIN DIFFERENCE LIST

Δ	Part name	AV-36950 (US&CA)	AV-36980 (US&CA)	AV-36985 (US&CA)
	MAIN PWB	SGV-1004A-M2	SGV-1008A-M2	-
	CRT SOCKET PWB	SGV-3001A-M2	SGV-3002A-M2	—
	FRONT CONTROL PWB	SGV-4002A-M2	-	←
	AV SELECTOR PWB	SGV-8002A-M2	SGV-8003A-M2	←
	PIP PWB	SGV0P001A-M2	←	←
	GUIDE PLUS+ PWB MODULE	×	SGV0T001A-M2	-
Δ	INST. BOOK (ENGLISH)	LCT0139-001A-A (US&CA)	LCT0135-001A-A (US&CA)	LCT0137-001A-A (US&CA)
Δ	INST. BOOK (FRENCH)	LCT0140-001A-A(CA)	LCT0136-001A-A(CA)	LCT0138-001A-A(CA)
	REMOCON UNIT	RM-C755-1C	RM-C752-1C	RM-C888-1A
	IR MOUSE	×	CE42597-00A	-
	INPUT	INPUT1 (S-VIDEO/VIDEO/AUDIO (L/R)) INPUT2 (VIDEO / AUDIO (L/R))	INPUT1 / INPUT2 (S-VIDEO/VIDEO/AUDIO (L/R))	←
	IR MOUSE/G-LINK JACK	×	0	0
	HYPER SCAN	×	×	0

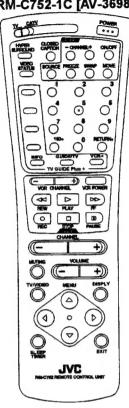
FUNCTIONS

■ REMOTE CONTROL UNIT

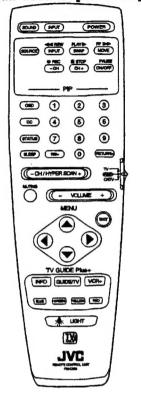
RM-C755-1C [AV-36950]



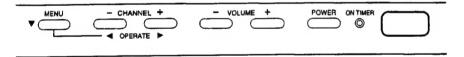
RM-C752-1C [AV-36980]



RM-C888-1A [AV-36985]

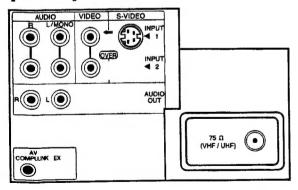


FRONT PANEL

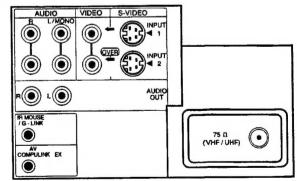


FRONT PANEL

[AV-36950]



[AV-36980 / AV-36985]



SERVICE ADJUSTMENTS

DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

- 1. Unplug the power supply cord.
- 2. Remove the 11 screws marked (A) as shown in Fig.2.
- 3. Remove the rear cover toward you.
- * When reinstalling the rear cover, carefully push it inward after inserting the chassis into the rear cover groove.

REMOVING THE CHASSIS

- After removing the rear cover.
- Slightly raise the both sides of the chassis by hand and remove the 2 claws under the both sides of the chassis from the front cabinet
- Draw the chassis backward along the rail in the arrow direction marked (B) as shown in the Fig.2.
 - (If necessary, take off the wire clamp, connectors etc.)
- * When conducting a check with power supplied, be sure to confirm that the CRT earth wire is connected to the CRT SOCKET PWB and the MAIN PWB.

REMOVING THE TERMINAL BOARD

- After removing the rear cover.
- 1. Remove the 3 screws marked © as shown in Fig.2.
- After removing the claw marked (E) in the direction of arrow mark as shown in Fig.1.
- When you pull out the TERMINAL BOARD in the direction of arrow marked (a) as shown in Fig.1, it can be removed.
 At that time, the connector of the ANTENNA SPLITTER and the TUNER comes out.
- Thus the connector should be securely inserted when the TERMINAL BOARD is installed again.

REMOVING THE FRONT CONTROL PW BOARD

- After removing the rear cover and chassis.
- 1. Remove the 2 screws marked

 as shown in Fig.2.
- 2. Then remove the FRONT CONTROL PWB.

REMOVING THE SPEAKER

- After removing the rear cover and chassis.
- 1. Remove the 2 screws marked @ as shown in Fig.2.
- 2. Follow the same steps when removing the other hand speaker.

CHECKING THE MAIN PW BOARD

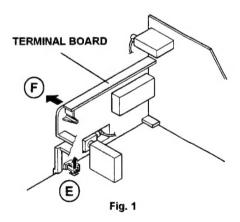
- 1. To check the backside of the MAIN PW Board.
 - (1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
 - (2) Erect the chassis vertically so that you can easily check the backside of the MAIN PW Board.

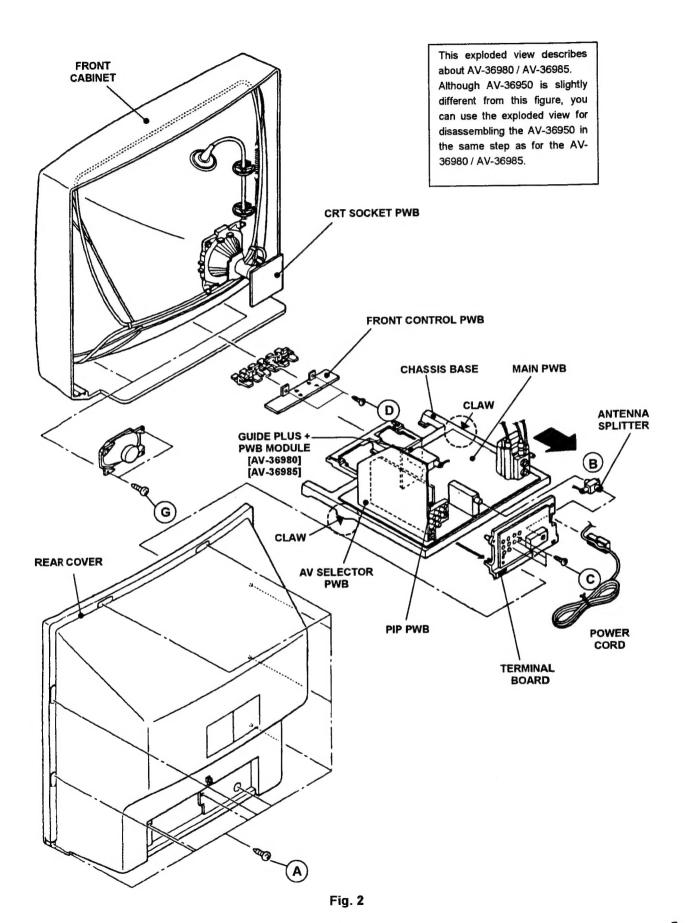
[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PWB.
- Before turning on power, make sure that the CRT earth wire and other connectors are properly connected.

WIRE CLAMPING AND CABLE TYING

- 1. Be sure to clamp the wire.
- Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.





7

REMOVING THE CRT

- Replacement of the CRT should be performed by 2 or more persons.
- · After removing the cover, chassis etc...
- 1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig.3).
- 2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig.4.
- Remove 4 screws marked by arrows with a box type screw driver as shown in Fig.4.
- Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.
- After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig.5.
- The CRT should be assembled according to the opposite sequence of its dismounting steps.
- The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

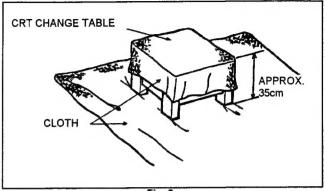


Fig. 3

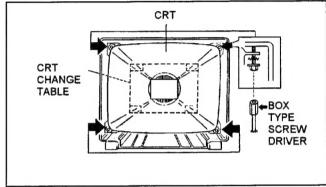


Fig. 4

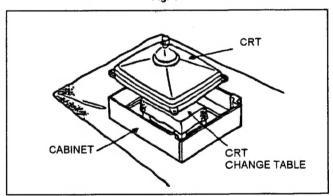


Fig. 5

COATING OF SILICON GREASE FOR ELECTRICAL INSULATION ON THE CRT ANODE CAP SECTION.

 Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.6.
 Wipe around the anode button with clean and dry cloth. (Fig.6)
 Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not stick to the anode button. (Fig.7)

★ Silicon grease product No. KS - 650N

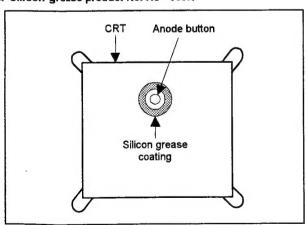


Fig. 6

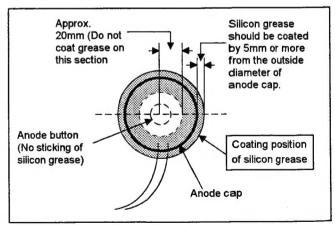


Fig. 7

JVC

SERVICE MANUAL

COLOR TELEVISION

BASIC CHASSIS GV

AV-36950 (US&CA) AV-36980 (US&CA) AV-36985 (US&CA)

Supplementary

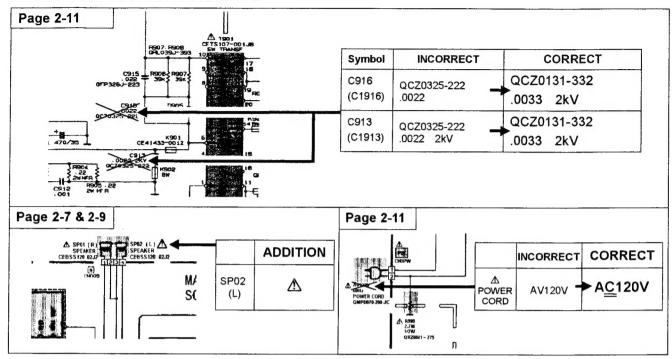
Since some derails of the AV-36950 (US&CA) / AV-36980 (US&CA) / AV-36985 (US&CA) service manual (No.51392 Apr.1998) were incorrect, we are informing you of these errors and of the correct descriptions.

1. CORRECTED ITEMS

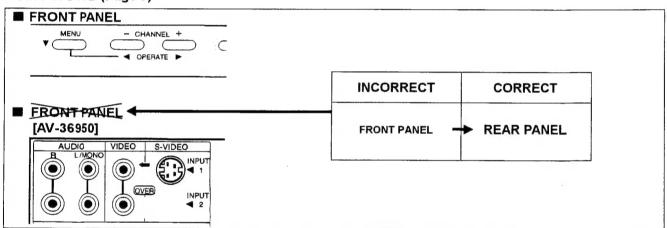
PARTS LIST

Page 36 & 4	8 AV-3695	0 / AV-36980 / AV-3	200000000000000000000000000000000000000	Symbol	INCORRECT	CORRECT
CAPA C1911 C1912	Part No. CITOR QETN1VM-477Z OFN31HJ-102Z	Part Name E CAP. M CAP.	Description Local	C1913	QCZ0325-222 C CAP. (2200pF 2000V K*)	QCZ0131-332 C CAP. (3300pF 2000V K *)
C1913 C1914 C1915 C1916 C1918	QCZ0325-222 QCZ0325-391 QFP32GJ-223 QCZ0325-222 NCB21HK-102X	C CAP. C CAP. PP CAP. C CAP. C CAP.	2200pf 2000V K 390pF 2000V K 0.022 uF 400V J 2200pF 2kV K 1000pF 50V K	C1916	QCZ0325-222 C CAP (2200pF 2000V K *)	QCZ0131-332 C CAP. (3300pF 2000V K *)
	AV-3698 Part No.	t O / AV-36985 Part Name	Description Local			
Page 48 A Symbol No. COIL L1001	Part No.		Description Local	Sym	bol INCORRECT	CORRECT

STANDARD CIRCUIT DIAGRAMS



FUNCTIONS (Page 5)



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 (630)851-7855

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 : 5665 Corporate Avenue, Cypress, California 90630
 (714)229-8011

 Southeast
 : 1500 Lakes Parkway, Lawrenceville, Georgia 30243
 (770)339-2522

 Hawaii
 : 2969 Mapunapuna Place, Honolulu, Hawaii 96819
 (808)833-5828

JVC CANADA INC.



MEMORY IC REPLACEMENT

1. Memory IC

This model use a memory IC.

This memory IC stores data for proper operation of the video and deflection circuits.

When replacing, be sure to use an IC containing this (initial value) data.

	Proce	dure	Screen display
(1) Powe Switch		t the power cord from the outlet.	
(2) Repla Initial	ce the memory IC value must be entered into the	new IC.	
(3) Power	r on ect the power cord to the outle	t and switch on the power.	
1) Simulation the reconstruction the reconstruction (a) While the E CON 4) Refer Wheels key a letter 5) After value	emote control unit. SERVICE MENU screen of Fig. e the SERVICE MENU is dis DISPLAY and VIDEO STATUS ISTANT screen. In to the SYSTEM CONSTANT Is these differ, select the sett and adjust the setting with the instant of the selected item are displayed.	ey key and VIDEO STATUS key g.1 is displayed. splayed, again simultaneously press keys to display the Fig.2 SYSTE table and check the setting item ing item with the MENU UP/DOW he MENU LEFT/RIGHT keys. (Tolayed in yellow.) LEFT/RIGHT key to store the setting item setting item with the MENU LEFT/RIGHT keys.	PICTURE SOUND THEATER OTHERS PIP GUIDE PLUS+ LOW LIGHT HIGH LIGHT RF AFC 1 RF AFC 2 VCO (CW) 12C BUS CTRL SS. SELECT BY V EXIT BY Fig. 1 GRIDE PLUS + Colv AV 36980 (AV 36985)
6) Pres	s the EXIT key twice to return Remote Control Unit	Remote Control Unit	SYSTEM CONSTANT
	[RM-C755 / RM-C752]	[RM-C888]	MODEL : XX-XXXXX
	DISPLAY key	OSD key	PLUG IN : YES CCD : YES
	VIDEO STATUS key	STATUS key	MN1876478 XXX TW VERSION XX
	ve channel setting		SELECT BY A V
Refer	ceive channels (Channels Pres	CTIONS (USER'S GUIDE) and s set) as described.	Fig.2 [The figures are about the model AV-36980 / AV-3698
Refer the rec	seive channels (Channels Pres settings the user setting items accordi	ng to Table 2. the OPERATING INSTRUCTION	Fig.2 [The figures are about the model AV-36980 / AV-3698
Refer the rectified the rectif	settings the user setting items according these do not agree, refer to R'S GUIDE) and set the items of the setting what to set in the SERV	ng to Table 2. the OPERATING INSTRUCTION	Fig.2 [The figures are about the model AV-36980 / AV-3698 SYSTEM CONSTANT MODEL : AV-36950 PLUG IN : YES CCD : YES MN1874878 XXX

TABLE 1 (System Constant setting)

[AV-36950]

	2.46	Setting value
Setting item	Setting constant	AV-36950
MODEL	AV-27950 → AV-32950 → AV-36950 —	AV-36950
PLUG IN	YES NO	YES
CCD	YES NO	YES

[AV-36980 / AV-36985]

	2.00	Setting value	
Setting item	Setting constant	AV-36980	AV-36985
MODEL	AV-27980 AV-32980 AV-36980 AV-36985 AV-32985 AV-27985	AV-36980	AV-36985
PLUG IN	YES NO	YES	
CCD	YES NO	YES	

TABLE 2 (User setting)

Setting item	Setting value	Setting item	Setting value
1. Use remote controller key POWER CHANNEL VOLUME TV/VIDEO CLOSED CAPTION HYPER SURROUND	S OFF CH-02 Proper sound volume TV OFF(CC1/T1/BLACK) OFF	DISPLAY VIDEO STATUS SLEEP TIMER PIP SOURCE PIP POSITION	OFF STANDARD 0 CH-04 Lower left
2. Settings of MENU PICTURE ADJUST TINT COLOR PICTURE BRIGHT DETAIL NOTCH MUTING NOISE MUTING SET VIDEO STATUS SOUND ADJUST BASS TREBLE BALANCE MTS	CENTER CENTER CENTER CENTER CENTER OFF ON ALL CENTER CENTER CENTER CENTER CENTER CENTER STEREO	CLOCK / TIMERS SET CLOCK ON/OFF TIMER SET LOCK CODE INITIAL SETUP TV SPEAKER AUDIO OUT LANGUAGE CLOSED CAPTION TV GUIDE PLUS+MENU [AV-36980/AV-36985] TV GUIDE PLUS+DEMO [AV-36980/AV-36985] AUTO TUNER SET UP CHANNEL SUMMARY	Unnecessary to set NO Unnecessary to set ON FIX ENG CAPTION : CC1 TEXT : T1 BACKGROUND : BLACK Not to set Unnecessary to set Unnecessary to set Unnecessary to set

SERVICE ADJUSTMENTS

ADJUSTMENT PREPARATION:

- 1. You can make the necessary adjustments for this unit with either the Remote Control Unit or with the adjustment tools and parts as before.
- 2. Adjustment with the Remote Control Unit is made on the basis of the initial setting values; however, the new setting values which set the screen to its optimum condition may differ from the initial settings.
- 3. Turn on the power for the set and test equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
- 4. Make sure that AC power is turned on correctly.
- 5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
- 6. Never touch any adjustment parts which are not specified in the list for this adjustment-variable resistors, transformers, condensers, etc.
- 7. Presetting before adjustment.

Unless otherwise specified in the adjustment instructions, preset the following functions with the Remote Control Unit:

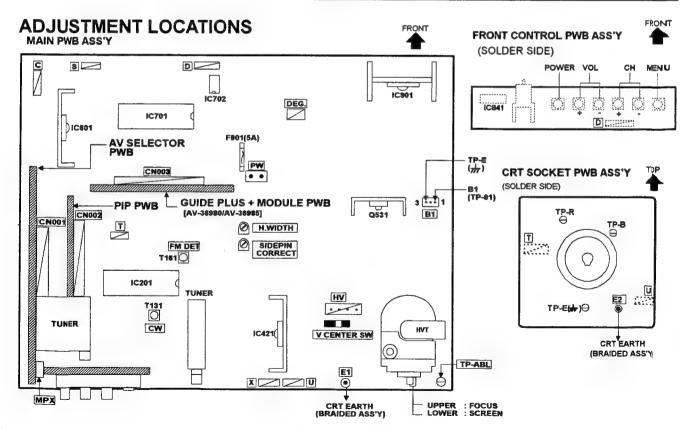
	(1) VIDEO STATUS	STANDARD	(3) HYPER SURROUND	OFF
	()		(0) THE ELL COLLINGORD	017
	(2) NOTCH	OFF	(4) BASS, TREBLE, BALANCE	CENTER
- 1	(=)	0	(4) BAGG, TREBLE, BABANGE	OFIGURE (

MEASURING INSTRUMENT

- 1. DC voltmeter (or digital voltmeter)
- 2. Oscilloscope
- Signal generator (Pattern generator) [NTSC]
- 4. Remote control unit
- 5. TV audio multiplex signal generator
- 6. Frequency counter

ADJUSTMENT ITEMS

Check of B1 POWER	WHITE BALANCE (Low Light)	PIP CIRCUIT (7 ITEMS)
SUPPLY		
IF VCO	WHITE BALANCE (High Light)	MTS INPUT LEVEL check
RF. AGC	SUB BRIGHT	MTS STEREO VCO
FOCUS	SUB CONTRAST	MTS SAP VCO
V.CENTER, V.SIZE and V.POSITION	SUB COLOR	MTS FILTER check
V.FOSITION		MTS SEPARATION
H.WIDTH, SIDEPIN,	SUB TINT	GUIDE PLUS+ SCREEN
CORRECT, H.POSITION		POSITION



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BASIC OPERATION OF SERVICE MENU

- 1. SERVICE MENU operation is used by the remote control unit.
- 2. In general, the twelve basic setting(adjustments) items or verifications are performed in the SERVICE MENU.

(1)	PICTURE This sets the setting values (adjustment values) of the VIDEO/CHROMA and DEFLECTION
	circuits.
(2)	SOUND This sets the setting values (adjustment values) of the AUDIO circuit.
(3)	THEATER This is used when the THEATER MODE is adjusted.
(4)	OTHERSThis sets the setting values (adjustment values) of the OTHERS circuit.
(5)	PIPThis sets the setting values (adjustment values) of the PICTURE-IN-PICTURE circuit. (PIP in
(-)	means as Picture in Picture)
(6)	GUIDE PLUS+ · · · · · · · This sets the setting values (adjustment values) of the TV GUIDE PLUS + circuit.
• •	[AV-36980 / AV-36985]
(7)	OW LIGHT This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
(8)	HIGH LIGHT · · · · · This sets the setting values (adjustment values) of the WHITE BALANCE circuit.
(9)	RF AFC 1 This is used when the RF AFC 1 MODE is verified. [Do not adjust]
(10)	RF AFC 2 · · · · · · · · · · This is used when the RF AFC 2 MODE is verified. [Do not adjust]
(11)	VCO (CW) · · · · · This is used when the IF VCO is adjusted.
(12)	I2C BUS CTRL This is used when ON/OFF of the I2C BUS CTRL is set.
(/	

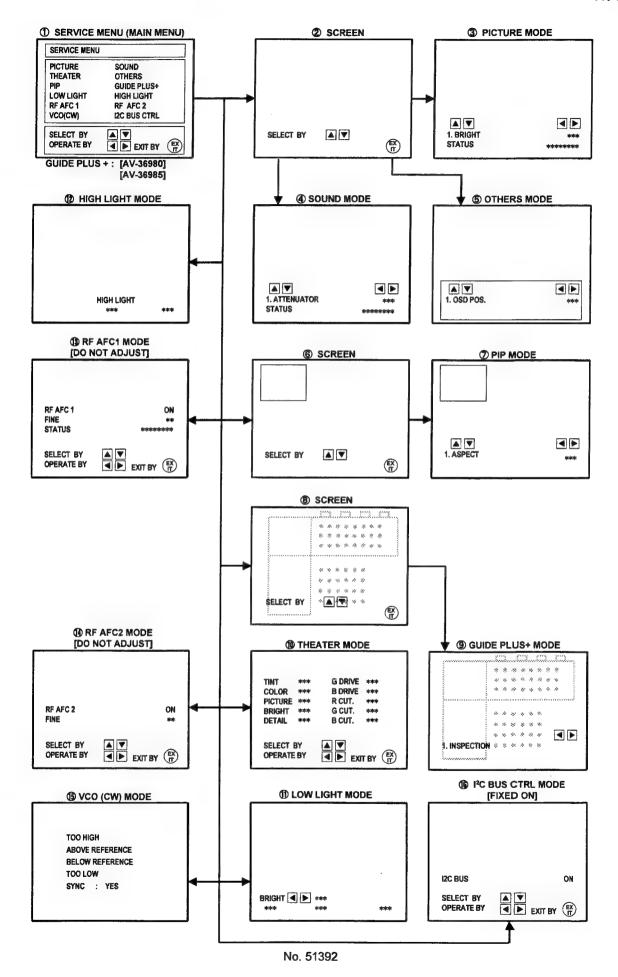
3. Basic Operations of the SERVICE MENU

- (1) How to enter the SERVICE MENU.
- Press the DISPLAY KEY and VIDEO STATUS KEY of the REMOTE CONTROL UNIT at the same time to display the SERVICE MENU screen shown in Fig.1.
- (2) SERVICE MENU screen selection
 - 1) Press the UP/DOWN key of the MENU to select any of the following items. (The letters of the selected items are displayed in yellow.)

•	PICTURE		SOUND
•	THEATER	•	OTHERS
•	PIP	•	GUIDE PLUS +
•	LOW LIGHT	•	HIGH LIGHT
•	RF AFC 1	•	RF AFC 2
•	VCO (CW)		12C BUS CTRL

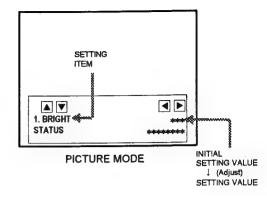
- 2) Select any of PICTURE, SOUND or OTHERS. The screen shown in Fig.2 will be displayed if the LEFT/RIGHT key is pressed.
- 3) If the UP/DOWN key is pressed, the PICTURE MODE screen shown in Fig.3 or the SOUND MODE screen shown in Fig.4 or the OTHERS MODE screen shown in Fig.5 is displayed and the PICTURE, SOUND or OTHERS setting can be performed.
- (3) Enter the any setting (adjustment) mode
- PICTURE, SOUND and OTHERS mode
- 1) If select any of PICTURE, SOUND or OTHERS items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ② will be displayed as shown in figure page later.
- 2) Then the UP / DOWN key is pressed, the PICTURE mode screen ③ or the SOUND mode screen ④ or the OTHERS mode screen ⑤ is displayed, and the PICTURE, SOUND or OTHERS setting can be performed.
- PIP mode
- 1) If select the PIP item, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ⑥ will be displayed as shown in figure page later.
- 2) Then UP / DOWN key is pressed, the PIP mode screen ⑦ is displayed, and the PIP setting can be performed.
- GUIDE PLUS + mode
- 1) If select the GUIDE PLUS + item, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screen ® will be displayed as shown in figure page later.
- 2) Then UP / DOWN key is pressed, the GUIDE PLUS + mode screen (9) is displayed, and the GUIDE PLUS + setting can be performed.
- THEATER, LOW LIGHT, HIGH LIGHT, RF AFC 1, RF AFC 2, VCO (CW) and I2C BUS CTRL mode
- 1) If select any of THEATER / LOW LIGHT / HIGH LIGHT / RF AFC 1 / RF AFC 2 / VCO (CW) / I2C BUS CTRL items, and the LEFT / RIGHT key is pressed from SERVICE MENU (MAIN MENU), the screens 10 10 13 10 16 will be displayed as shown in figure page later.
- Then the settings or verifications can be performed.

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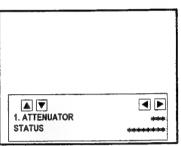
- (3) Setting method
 1) UP / DOWN key of the MENU Select the item.
 - 2) LEFT / RIGHT key of the MENU Setting(adjust) the value of the items. When the key is released the setting value will be stored (memorized).
 - 3) EXIT key

Returns to the previous screen.

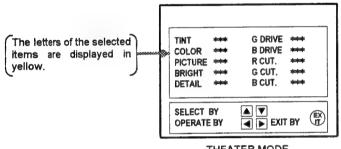


(4) Releasing SERVICE MENU

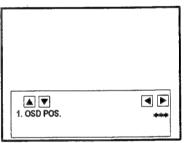
- 1) After returning to the SERVICE MENU upon completion of the setting (adjustment) work, press the EXIT key again.
- The settings for LOW LIGHT and HIGH LIGHT are described in the WHITE BALANCE page of ADJUSTMENT.
- The setting for RF AFC 1 are described in the IF VCO page of ADJUSTMENT.



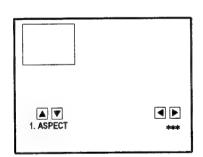
SOUND MODE



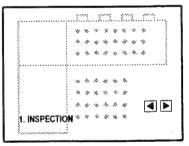
THEATER MODE



OTHERS MODE



PIP MODE



GUIDE PLUS + MODE

INITIAL SETTING VALUE OF SERVICE MENU

- 1. Adjustment of the SERVICE MENU is made on the basis of the initial setting values; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
- 2. Do not change the initial Setting Values of the Setting (Adjustment) items not listed in "ADJUSTMENT".

PICTURE MODE

- ♦ The four setting items in the video mode No.8 EXT BRI., No.9 EXT PIC., No.12 EXT TINT and No.13 EXT COLOR are linked to the items in the TV MODE No.1 BRIGHT, No.2 PICTURE, No.6 TINT and No.7 COLOR, respectively. When the setting items in the TV mode are adjusted, the values in the setting items in the video mode are revised automatically to the same values in the TV mode. (The initial setting values given in () are off-set values.)
- When the four items (No.8, 9, 12 and 13) are adjusted in the video mode, the setting values in each item are revised independently.

No.	Setting (Adjustment) item	Variable range	Initial setting value
1.	BRIGHT	0~127	64
2.	PICTURE	0~127	85
3.	WPS (WHITE PEAK SUPPRESSOR)	0/1	1
4.	TV DETAIL	0~63	40
5.	TV BPF (TV B.P.FILTER)	0/1	1
6.	TINT	0~127	64
7.	COLOR	0~127	52
8.	EXT BRIGHT	±25	(+1)
9.	EXT PICT.	±25	(±0)
10.	EXT DETAIL	0~63	38
11.	EXT BPF (EXT B.P.FILTER)	0/1	1
12.	EXT TINT	±25	(+4)
13.	EXT COLOR [AV-36950]	±25	(+1)
	[AV-36980/AV-36985]	±25	(+3)
14.	V S!ZE	0~63	34
15.	VCENTER	0~7	0
16.	H POSITION	0~31	22
17.	HAFC	0/1	0
18.	BLANKING	0/1	0
19.	RF AGC	0~63	35
20.	PIF VCO	0~127	64

SOUND MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value
1.	ATTENUATOR	0~63	50
2.	BALANCE	0~63	32
3.	NOISE DET.	0/1	1
4.	IN LEVEL (INPUT LEVEL)	0~63	27
5.	FH MONITOR	0/1	0
6.	STEREO VCC	0~63	23
7.	PILOT CAN. (PILOT CANCELER)	0/1	0
8.	FILTER	0~63	30
9.	LOW SEP. (LOW SEPARATION)	0~63	28
10.	HI SEP. (HIGH SEPARATION)	0~63	19
11.	5FH MON. (5FH MONITOR)	0/1	0
12.	SAP VCO	0~63	27
13.	IN GAIN (INPUT GAIN)	0/1	0
14.	FIL.OFFSET	0~10	0

THEATER MODE

Setting (Adjustment) item	Variable range	Initial setting value
TINT	±20	±00
COLOR	±20	-2
PICTURE	±20	-15
BRIGHT	±20	±00
DETAIL	±15	-3
G DRIVE	-99~+50	-25
B DRIVE	-99~+50	-72
R CUT. (R CUTOFF)	±10	±00
G CUT. (G CUTOFF)	±10	±00
B CUT. (B CUTOFF)	±10	±00

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• OTHERS MODE

No.	Setting (Adjustment) item	Variable range	Initial setting value
1.	OSD POS.	0~7	0
2.	CCD POS.	0~15	2
	(CLOSED CAPTION DECODER POS.)		
3.	EOSEL	0/1	0
4.	F1 FIELD	0/1	0
5.	F1 LINE21	0~15	8
6.	F2 LINE21	0~15	8
7.	OSD STABI	0/1	0
8.	SYNC SEP.	0 / .1	1

• PIP MODE

Al.	C-thing (A disented on the internal	Variable range	Initial setting value
No.	Setting (Adjustment) item	Variable range	Initial Setting Value
1	ASPECT	0~31	23
2.	V POSITION	0~127	20
3.	LOWER POS.	0~127	61
4.	H POSITION	0~127	40
5.	RIGHT POS.	0~127	81
6.	VAREA	0~3	2
7.	H AREA	0~3	2
8.	CLAMP POS.	0~3	1
9.	FRAME	0~3	3
10.	Y/C DELAY	0~7	4
11.	TINT	0~127	26
12.	COLOR	0~127	76
13.	CONTRAST	0~127	70
14.	G GAIN	0~127	80
15.	B GAIN	0~127	90

• GUIDE PLUS+ MODE [AV-36980/AV-36985]

	SIDE FEOD INODE [AT OCCUPATIONS			
No.	Setting (Adjustment) item	Variable range	Initial setting value	
1.	INSPECTION			
2.	MAIN H POS	0~255	31	
3.	MAIN V POS	0~255	36	
4.	FRAME SIZE	0~13	9	
5.	PIP ASPECT	0~31	20	
6.	PIP H POS.	0~127	32	
7.	PIP V POS.	0~127	25	
8.	INIT. DELAY	0~255	17	
9.	INITIALIZE			

• LOW LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value
R CUTOFF	0~255	20
G CUTOFF	0~255	20
B CUTOFF	0~255	20

• HIGH LIGHT MODE

Setting (Adjustment) item	Variable range	Initial setting value
G DRIVE	0~255	128
B DRIVE	0~255	128

RF AFC 1 MODE

Setting (Adjustment) item	Variable range	Initial setting value
RF AFC 1	ON/OFF	ON (DO NOT)
FINE	-77~+77	±×× (ADJUST)

RF AFC 2 MODE

Setting (Adjustment) item	Variable range	Initial setting value
RF AFC 2 FINE	ON/OFF -77~+77	ON DO NOT ADJUST

• I2C BUS CTRL MODE

Setting (Adjustment) item	Variable range	Initial setting value
I2C BUS	ON/OFF	[Fixed ON]

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ADJUSTMENTS

B1 POWER SUPPLY

Item	Measuring instrument	Test point	Adjustment part	Description
B1 POWER	DC Voltmeter	B1 ([B1]		Receive a black-and-white signal.
SUPPLY check		Connector		2. Connect the DC Voltmeter to [B1] connector [1] pin (TP-91) and
		[1] pin)		TP-E(+) (B1 connector [3] pin).
		(TP-91)		3. Confirm that the voltage is DC134V±2V.
		TP-E(⊥) ([B1] Connector [3] pin)		

ADJUSTMENT OF IF. VCO

Item	Measuring instrument	Test point	Adjustment part	Description
IF VCO adjustment	TOO HIGH ABOVE REFERENCE BELOW REFERENCE TOO LOW SYNC : YES		CW TRANSF. (T131)	 Under normal conditions, no adjustment is required. Receive a NTSC broadcast. (Use channels without offset frequency). Select the VCO (CW) mode from the SERVICE MENU. Confirm the color change (yellow) from "TOO HIGH" to "TOO LOW" by CW TRANSF. and "SYNC: YES" being shown on the screen. Then, adjust CW TRANSF. until "BELOW REFERENCE" mark turns yellow and confirm again "SYNC: YES" being shown on the screen.

ADJUSTMENT OF RF AGC

ltem	Measuring instrument	Test point	Adjustment part	Description
RF. AGC adjustment			No.19 RF AGC	 Receive a broadcast. Select "No.19 RF AGC" of the PICTURE MODE. Press the MUTE key and turn off color. With the MENU LEFT key, get noise in the screen picture. (0 side of setting value) Press the MENU RIGHT key and stop when noise disappears from the screen. Change to other channels and make sure that there is no irregularity. Press the MUTE key and get color out.

ADJUSTMENT OF FOCUS

ltem	Measuring instrument	Test point	Adjustment part	Description
FOCUS adjustment	Signal generator		FOCUS VR [built-in HVT]	Receive a crosshatch signal. While looking at the screen, adjust FOCUS VR so that the vertical and horizontal lines will be clear and in fine detail. Make sure that the picture is in focus even when the screen gets darkened.

ADJUSTMENT OF DEFLECTION CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
V.CENTER, V.SIZE and V.POSITION adjustment	Signal generator		No.14 V SIZE No.15 V CENTER V.CENTER SW (S1421)	 Receive a crosshatch signal. Make sure that the "No.15 V CENTER" of the PICTURE SERVICE MODE is 0. Use the LEFT/RIGHT keys of the MENU to set the initial setting value for the No.14 V SIZE. Adjust the vertical SCREEN size to 92% with the No.14 V SIZE and S1421 (V.CENTER SW).
Screen size (92%)		size (92%)	Picture size (100%)	
H.WIDTH, SIDEPIN CORRECT and H.POSITION adjustment	Signal generator		No.16 H POSITION SIDEPIN CORRECT VR (R1579) H,WIDTH VR (R1581)	 Receive a crosshatch signal. Adjust the SIDEPIN CORRECT. VR(R1579) so that vertical line at both side of the crosshatch are straight. Select the "No.16 H POSITION" of the PICTURE SERVIC MODE. Press the LEFT/RIGHT keys of the MENU to set the initial settin values for the "No.16 H POSITION". Adjust the "No.16 H POSITION" until the screen will be horizontally centered. Adjust the H.WIDTH VR(R1581) so that 92% of the overe crosshatch is displayed on the screen. As required, repeat above steps 2 and 6.

ADJUSTMENT OF VIDEO / CHROMA CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (Low Light) adjustment	Signal generator		BRIGHT R CUTOFF G CUTOFF B CUTOFF SCREEN VR	1. Receive a black-and-white signal. (Color off) 2. Select the [LOW LIGHT] MODE from the SERVICE MENU. 3. Set the initial setting value of "BRIGHT" with the LEFT/RIGHT key of the remote control unit. 4. Set the initial setting value of "R CUTOFF", "G CUTOFF" and "B
Re	BRIGHT **********************************	G CUTOFF B CUTO		CUTOFF" with the ④ to ⑨ keys of the remote control unit. 5. Display single horizontal line by pressing the ① key of the remote control unit. 6. Turn the screen VR all the way to the left. 7. Turn the screen VR gradually to the right from the left until either one of the red, blue or green colors appears faintly. 8. Adjust the two colors which did not appear until the single horizontal line that is displayed becomes white using the ④ to ⑨ keys of the remote control unit. 9. Turn the screen VR until the single horizontal line is displayed faintly. 10. Press the ② key to return to the regular screen. * The ③ EXIT key is the cancel key for the WHITE BALANCE.
ļ	1 (CUTOFFA GC	2 (XIT 3 JTOFF ▲ 6 1 TOFF ▼	
WHITE BALANCE (High Light) adjustment	Signal generator [HIGH LIG	HT] MODE	G DRIVE B DRIVE	 Receive a black-and-white signal. (Color off) Select the [HIGH LIGHT] MODE in the SERVICE MENU. Set the initial setting value of "G DRIVE" and "B DRIVE" with the ⑤, ⑥, ⑧ and ⑨ keys of the remote control unit. Adjust the screen until it becomes white using the ⑤, ⑥, ⑧ and ⑨ keys of the remote control unit. The ③ EXIT key is the cancel key for the WHITE BALANCE.
		B DRIVI	,	Remote Control Unit ①key : H.LINE ON ②key : H.LINE OFF ③key : EXIT ⑤key : G DRIVE ▲ ⑥key : B DRIVE ▲ ®key : G DRIVE ▼ ③key : B DRIVE ▼

Item	Measuring instrument	Test point	Adjustment part	Description
SUB BRIGHT adjustment			No.1 BRIGHT	1. Receive a broadcast. 2. Select "No.1 BRIGHT" of the PICTURE MODE. 3. Set the initial setting value of the "No.1 BRIGHT" with the LEFT/RIGHT key of the MENU. 4. If the brightness is not the best with the initial setting value, make fine adjustment of the "No.1 BRIGHT" until you get the optimum brightness.
SUB CONTRAST adjustment			No.2 PICTURE	1. Receive a broadcast. 2. Select "No.2 PICTURE" of the PICTURE MODE. 3. Set the initial setting value of the "No.2 PICTURE" with the LEFT/RIGHT key of the MENU. 4. If the contrast is not the best with the initial setting value, make fine adjustment of the "No.2 PICTURE" until you get the optimum contrast.
SUB COLOR adjustment			No.7 COLOR	1. Receive a broadcast. 2. Select "No.7 COLOR" of the PICTURE MODE. 3. Set the initial setting value of the "No.7 COLOR" with the LEFT/RIGHT key of the MENU. 4. If the color is not the best with the Initial setting value, make fine adjustment of the "No.7 COLOR" until you get the optimum color.
SUB TINT adjustment			No.6 TINT	1. Receive a broadcast. 2. Select "No.6 TINT" of the PICTURE MODE. 3. Set the initial setting value of the "No.6 TINT" with the LEFT/RIGHT key of the MENU. 4. If the tint is not the best with the initial setting value, make fine adjustment of the "No.6 TINT" until you get the optimum tint.

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ADJUSTMENT OF PIP CIRCUIT

ltem	Measuring instrument	Test point	Adjustment part		Description		
PIP WHITE BALANCE adjustment Signal generator No.14 G GAIN No.15 B GAIN No.15 B GAIN 1. Receive a black-and-white 2. Select the "No.14 G GAIN MODE. 3. Set the corresponding initial key of the menu.				e "No.14 G GAIN, No.15 B G orresponding initial setting val menu. e "No.14 G GAIN, No.15 I	ignal.(Color off) No.15 B GAIN" of the PIP SERVICE setting values with the LEFT/RIGHT N, No.15 B GAIN" until the screen		
PIP DISPLAY POSITION adjustment	Signal generator	en	No.2 V POSITION No.3 LOWER POS. No.4 H POSITION No.5 RIGHT POS.	 Receive a black-and-white signal.(Color off) Select the "No.2 V POSITION" of the PIP SERVICE No.3. Set the initial setting value of the No.2 V POSITION LEFT/RIGHT key of the menu. Adjust the "No.2 V POSITION" so that the position screen edge of upper will be at X1 as shown. Adjust the corresponding modes of "No.3, No.4, No. same steps as 2~4 above. 			
				PIP SERVICE	ltem	PIP Setting position	
				MODE No.		Approx. (mm)	
		ا		No.2	UPPER POSITION (X1)	35	
		<u> </u>		No.3	LOWER POSITION (X2)	35	
			1	No.4	H POSITION (Y1)	45	
	1		x2	No.5	RIGHT POSITION (Y2)	45	
→ Y1			1/2				

Item	Measuring instrument	Test point	Adjustment part	Description
PIP SUB CONTRAST adjustment			No.13 CONTRAST	1. Receive a broadcast. 2. Select "No.13 CONTRAST" of the PIP SERVICE MODE. 3. Set the initial setting value of the "No.13 CONTRAST" with the LEFT/RIGHT key of the menu. 4. If the contrast is not the best will the initial setting value, make fine adjustment of the "No.13 CONTRAST" until you get the optimum contrast.
PIP SUB COLOR adjustment			No.12 COLOR	 Receive a broadcast. Select "No.12 COLOR" of the PIP SERVICE MODE. Set the initial setting value of the "No.12 COLOR" with the LEFT/RIGHT key of the menu. If the color is not the best with the initial setting value, make fine adjustment of the "No.12 COLOR" until you get the optimum color.
PIP SUB TINT adjustment			No.11 TINT	 Receive a broadcast. Select "No.11 TINT" of the PIP SERVICE MODE. Set the initial setting value of the "No.11 TINT" with the LEFT/RIGHT key of the menu. If the tint is not the best with the initial setting value, make fine adjustment of the "No.11 TINT" until you get the optimum tint.

ADJUSTMENT OF MTS CIRCUIT

ltern	Measuring instrument	Test point	Adjustment part	Description
MTS INPUT LEVEL check			No.4 IN LEVEL	Select the "No.4 IN LEVEL" of the SOUND MODE. Verify that the "No.4 IN LEVEL" is set at its initial setting value.
MTS STEREO VCO adjustment	Signal generator Frequency counter	[MPX] Connector [2] pin RTV [AV SELECTOR PWB]	No.5 FH MONITER No.6 STEREO VCO	 Receive a RF signal (nonmodulated sound signal) from the antenna terminal. Select the "No.5 FH MONITER" of SOUND MODE, and change the setting value from 0 to 1. Connect the Frequency Counter to pin [2] of [MPX] connector. Select the "No.6 STEREO VCO". Set the initial setting value of the "No.6 STEREO VCO" with the LEFT/RIGHT key of the menu. Adjust the "No.6 STEREO VCO" so that the Frequency Counter will display 15.73kHz±0.1kHz. Select the "No.5 FH MONITER" of the SOUND MODE, and reset the setting value from 1 to 0.

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Item	Measuring instrument	Test point	Adjustment part	Description
MTS SAP VCO adjustment	Signal generator	[MPX] Connector [4] pin SDA [3] pin GND [2] pin RTV [AV SELECTOR PWB]	No.11 5FH MON. No.12 SAP VCO	 Receive a RF signal (non modulated sound signal) from the antenna terminal. Connect between pin [4] of [MPX] connector and GND (Pin [3] of [MPX] connector) through 1MΩ Resistor. Select the "No.11 5FH MON." of the SOUND MODE, and reset the setting value from 0 to 1. Connect the Frequency Counter to pin [2] (R.OUT) of [MPX] connector. Select the "No.12 SAP VCO". Set the initial setting value of "No.12 SAP VCO" with the LEFT/RIGHT key of the menu. Adjust the "No.12 SAP VCO" so that the Frequency Counter will display 78.67kHz±0.5kHz. Select the "No.11 5FH MON." of the SOUND MODE, and reset the setting value from 1 to 0.
MTS FILTER check			No.8 FILTER	Select the "No.8 FILTER" of the SOUND MODE. Verify that the "No.8 FILTER" is set at its initial setting value.
MTS SEPARATION adjustment	TV audio multiplex signal generator Oscilloscope	[MPX] Connector [1] pin LTV [2] pin RTV [AV SELECTOR PWB]	No.9 LOW SEP.	1. Input a stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal. 2. Connect an oscilloscope to pin [1] (L OUT) of [MPX] connector, and display one cycle portion of the 300Hz signal. 3. Change the connection of the oscilloscope to pin [2] (R OUT) of [MPX] connector, and enlarge the voltage axis. 4. Select the "No.9 LOW SEP." of the SOUND MODE. 5. Set the initial setting value of the "No.9 LOW SEP." with the LEFT/RIGHT key of the menu.
L-Char signal	nnel waveform	R-Cha crosst	alk portion	 6. Adjust the "No.9 LOW SEP." so that the stroke element of the 300Hz signal will become minimum. 7. Change the signal to 3kHz, and similarly adjust the "No.10 HI SEP.".

ADJUSTMENT OF GUIDE PLUS+ MODE

ltem	Measuring instrument	Test point	Adjustment part		Description
GUIDE PLUS	Signal		No.6 PIP H POS.		Receive a broadcast.
SCREEN	generator			2.	Select the "No.6 PIP H POS." of the GUIDE PLUS+ MODE.
POSITION				3.	Set the initial setting value of the "No.6 PIP H POS." with the
adjustment					LEFT/RIGHT key of the MENU. Adjust the "No.6 PIP H POS." so that the PIP screen comes into
	I AND COM		1	4.	the position in the screen window of the GUIDE PLUS+.
	WINDOW			_	Before exiting from the GUIDE PLUS + MODE, always select the
	\$			٦.	"No.9 INITIALIZE" and press the LEFT/RIGHT key. (The screen
		* * * * * * *			will be turned into black and the word "INITIALIZE" will flash for
	"	* * * * * *			about 10 seconds.) When the "No.9 INITIALIZE" is displayed on
					the screen again, exit from the GUIDE PLUS+ MODE.
	§	* * * *			
	3 3	* * * * •			
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No.51392 25

HOW TO CHECK THE HIGH VOLTAGE HOLD DOWN CIRCUIT

1. HIGH VOLTAGE HOLD DOWN CIRCUIT

After repairing the high voltage hold down circuit shown in Fig. 1. This circuit shall be checked to operate correctly.

2. CHECKING OF THE HIGH VOLTAGE HOLD DOWN CIRCUIT

- (1) Turn the POWER SW ON.
- (2) As shown in Fig.2, set the resistor (between [X] connector [1] & [3]).
- (3) Make sure that the screen picture disappears.
- (4) Temporarily unplug the power cord.
- (5) Remove the resistor (between [X] connector [1] & [3]).
- (6) Again plug the power cord, make sure that the normal picture is displayed on the screen.

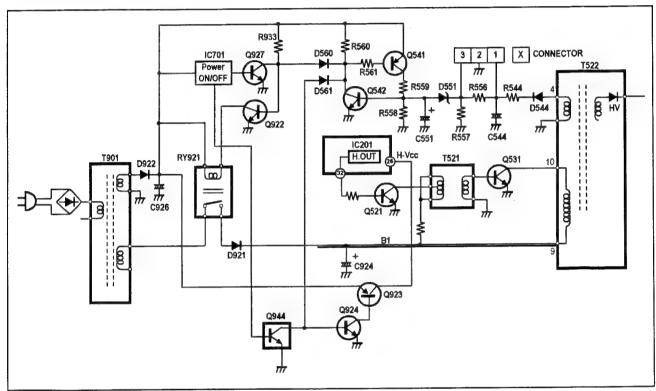


Fig.1

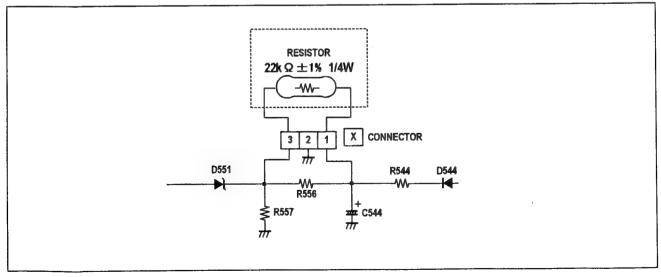


Fig.2

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

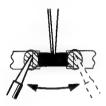
- 1. Avoid heating for more than 3 seconds.
- 2. Do not rub the electrodes and the resist parts of the pattern.
- 3. When removing a chip part, melt the solder adequately.
- 4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

- 1. Use a high insulation soldering iron with a thin pointed end of it.
- 2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

- 1. How to remove Chip parts
 - Resistors, capacitors, etc.
 - (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with tweezers and remove the chip part.



- ◆ Transistors, diodes, variable resistors, etc.
- (1) Apply extra solder to each lead.



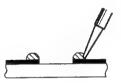
(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



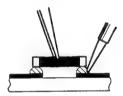
Note: After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts

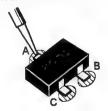
- Resistors, capacitors, etc.
- (1) Apply solder to the pattern as indicated in the figure.



(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.



- ♦ Transistors, diodes, variable resistors, etc.
- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



(4) Then solder leads B and C.



AV-36950 AV-36980 AV-36985 AV-36950 (US&CA)

AV-36980 (US&CA)

AV-36985 (US&CA)

STANDARD CIRCUIT DIAGRAM

NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the A symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal

: Color bar signal

(2)Setting positions of each knob/button and

variable resistor

:Original setting position

when shipped

(3)Internal resistance of tester

:DC 20k Ω/V

(4)Oscilloscope sweeping time

:H ⇒ 20µS/div

⇒ 5mS/div ٠٧

:Others => Sweeping time is

specified

(5)Voltage values

:All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

oin the PW board

:R1209→R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

Resistance value

No unit

 $[\Omega]$:

ĸ M :[KΩ]

:[MΩ] Rated allowable power

No indication

:1/10 [W]

Others

:As specified

Type

No indication

:Carbon resistor

OMR MFR

:Oxide metal film resistor

:Metal film resistor :Metal plate resistor MPR **UNFR** :Uninflammable resistor :Fusible resistor

*Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

Capacitance value

1 or higher

:[pF]

less than 1

:[µF]

Withstand voltage

No indication

:DC50IVI

Others

:DC withstand voltage [V]

AC indicated

:AC withstand voltage [V]

*Electrolytic Capacitors

47/50[Example]: Capacitance value [µF]/withstand voltage[V]

Type No indication

:Ceramic capacitor :Mylar capacitor

MY MM

Metalized mylar capacitor :Polypropylene capacitor

:Tantalum capacitor

PP :Metalized polypropylene capacitor MPP

:Metalized film capacitor MF :Thin film capacitor TE BP :Bipolar electrolytic capacitor

TAN (3)Coils

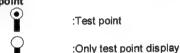
:TuH1 No unit :As specified Others

(4)Power Supply

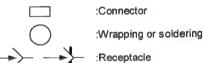
:B1(134V) :B2(12V)

*Respective voltage values are indicated

(5)Test point



(6)Connecting method



(7)Ground symbol

:LIVE side ground

1 :ISOLATED(NEUTRAL) side ground

:EARTH around :DIGITAL ground

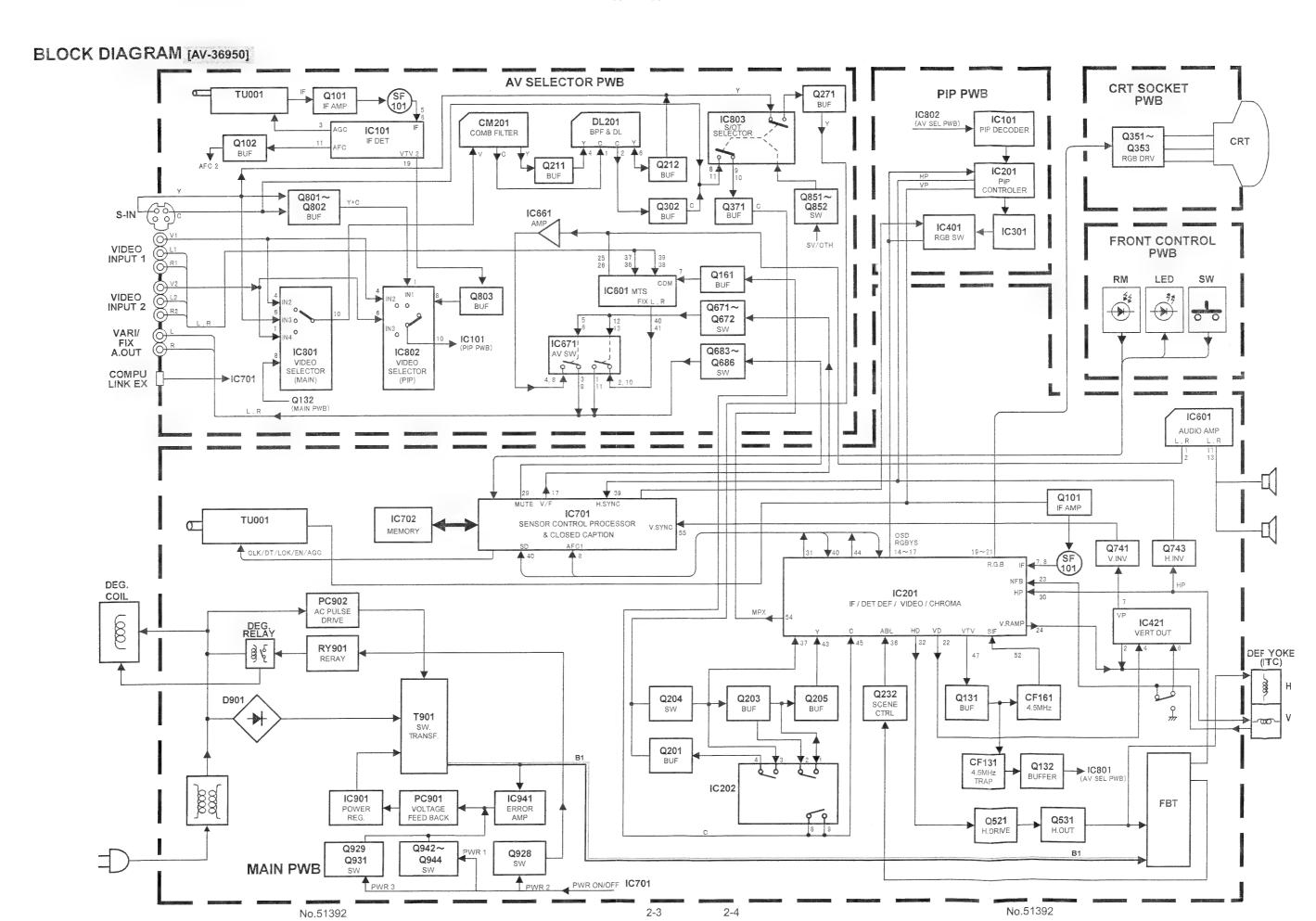
5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE: (1) side GND and the ISOLATED(NEUTRAL): (,L) side GND. Therefore, care must be taken for the following points.

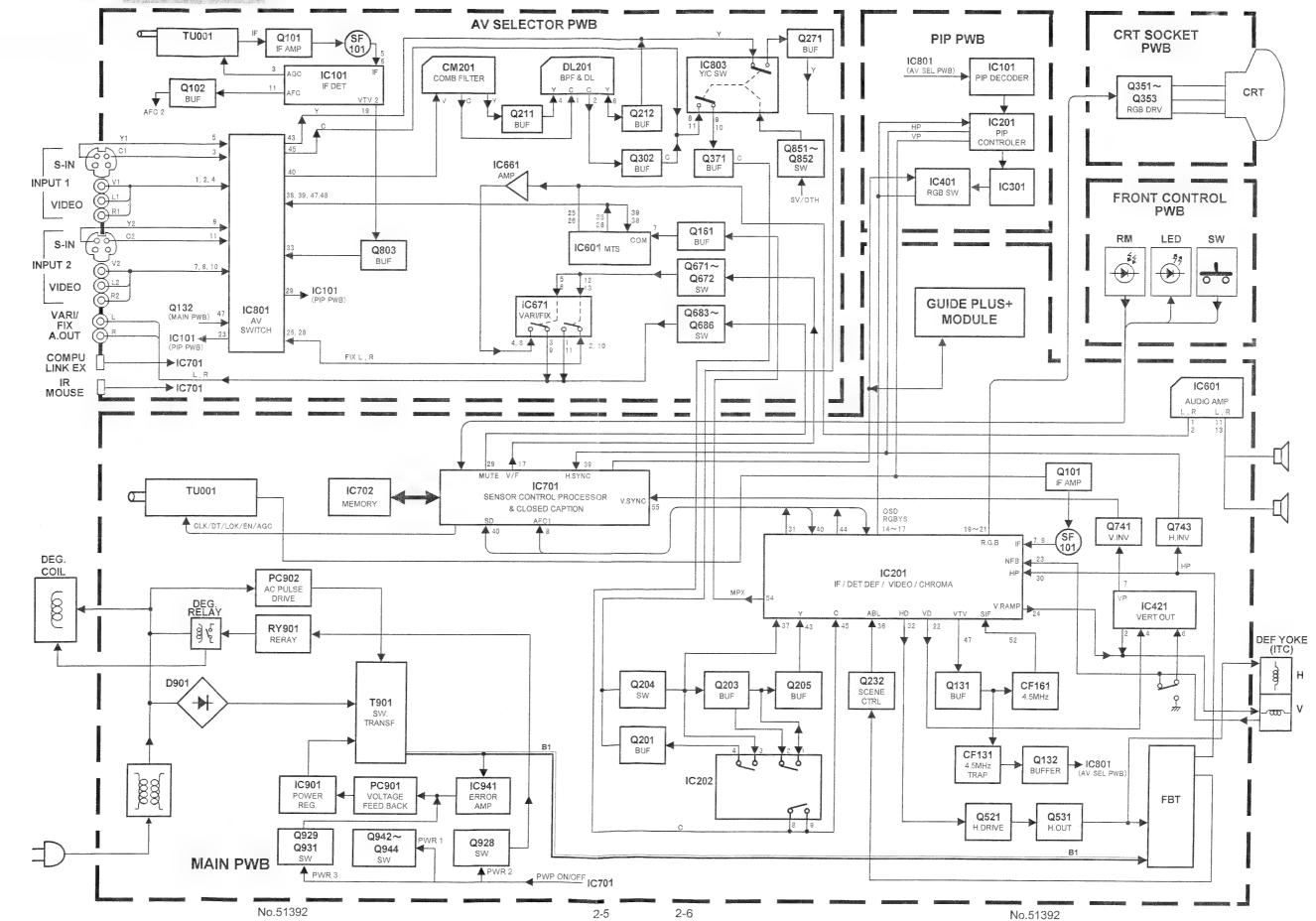
- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.
- ♦ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

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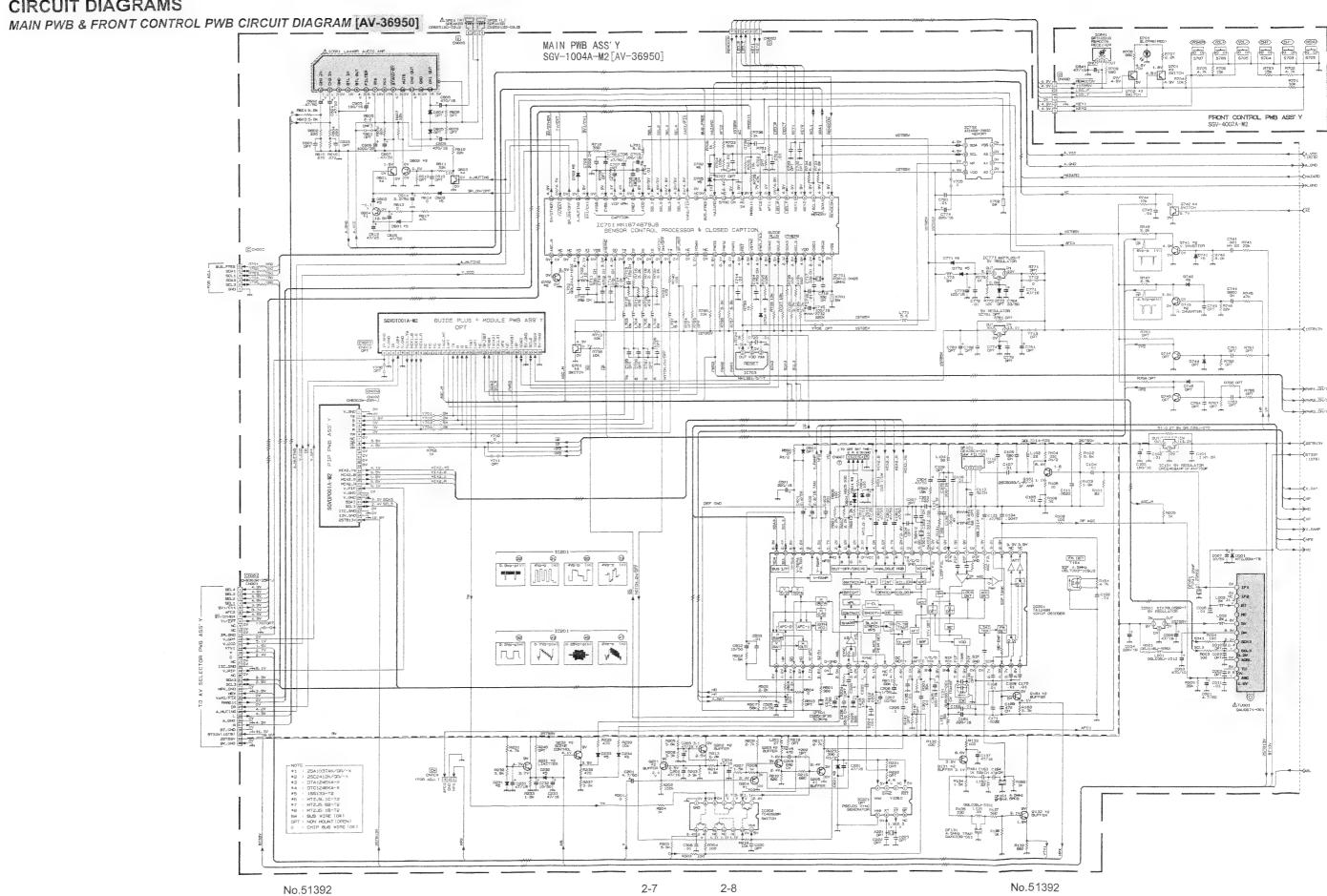
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	(CA) · · · · ·			2-32		
SEMICONDUCT TRANSISTOR	OR SHAPES					
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CHIP IC		TOP VIEW				
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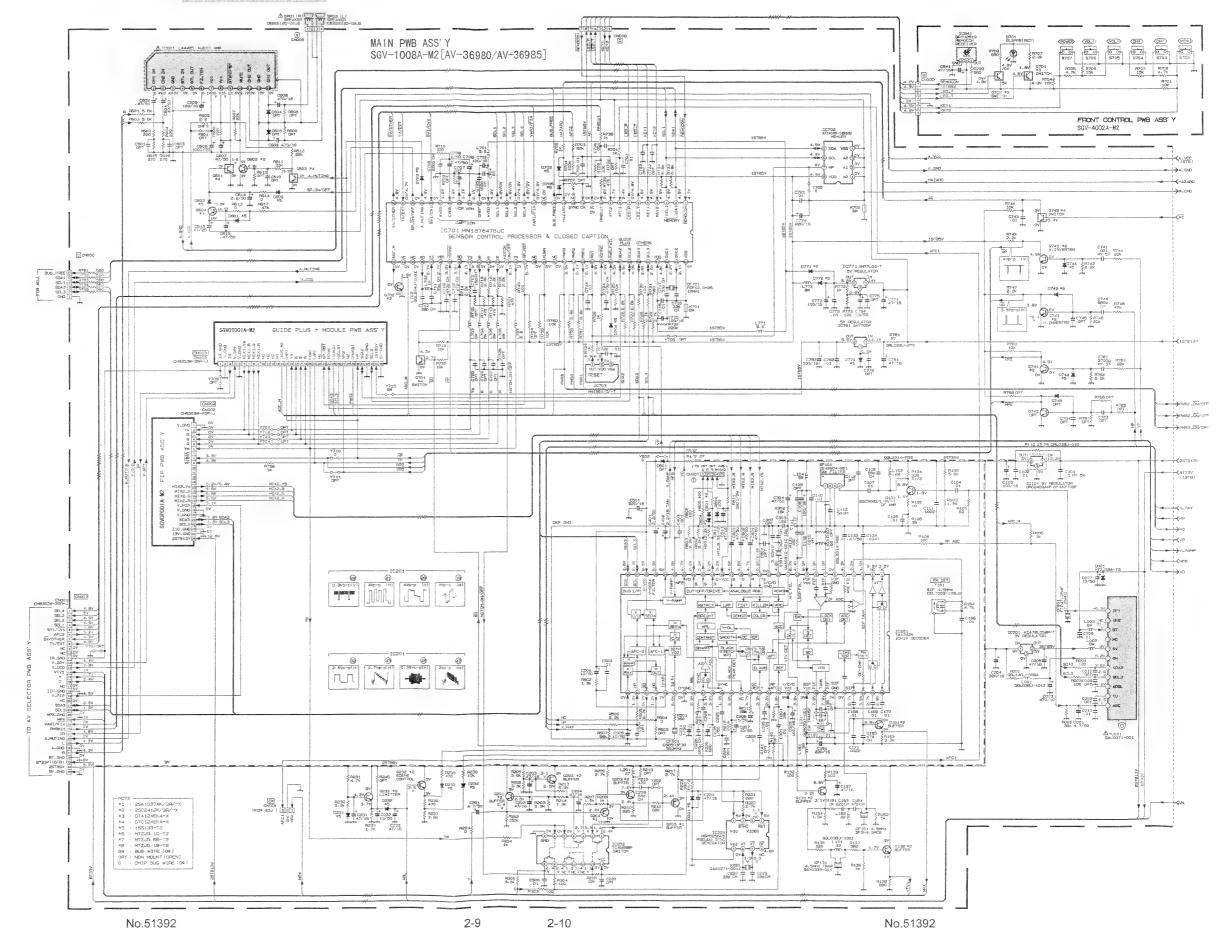
BLOCK DIAGRAM [AV-36980 / AV-36985]

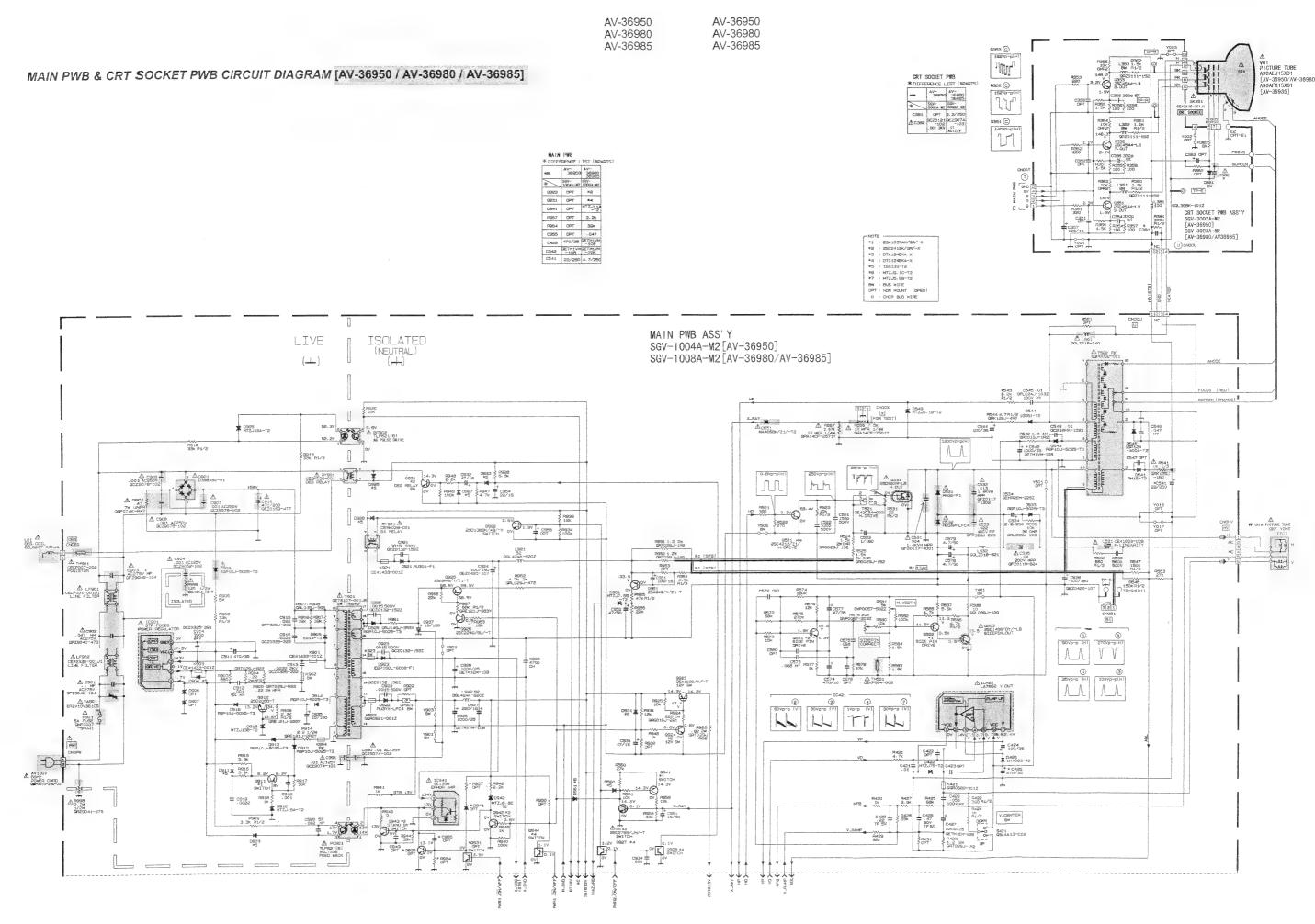


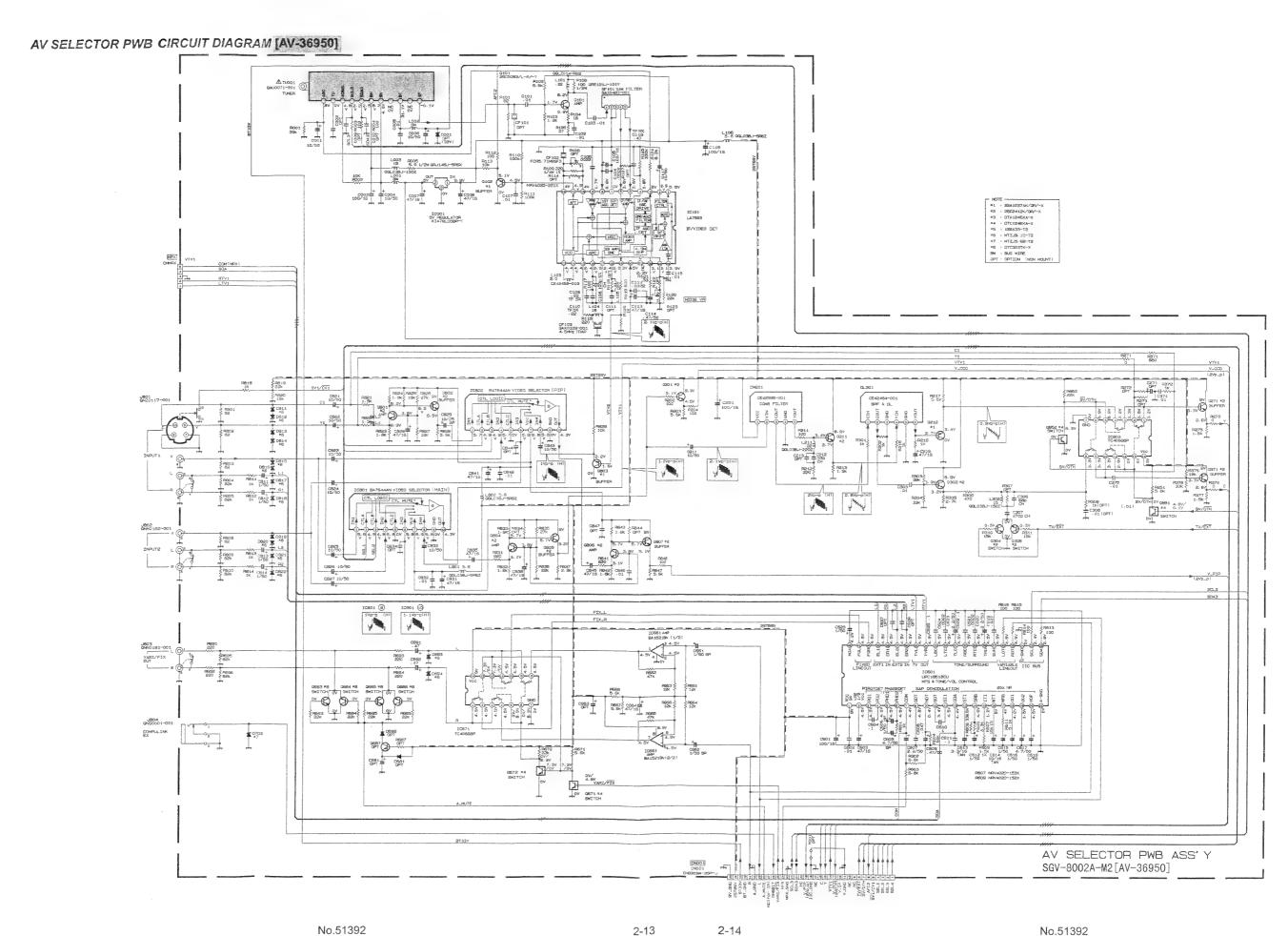
CIRCUIT DIAGRAMS



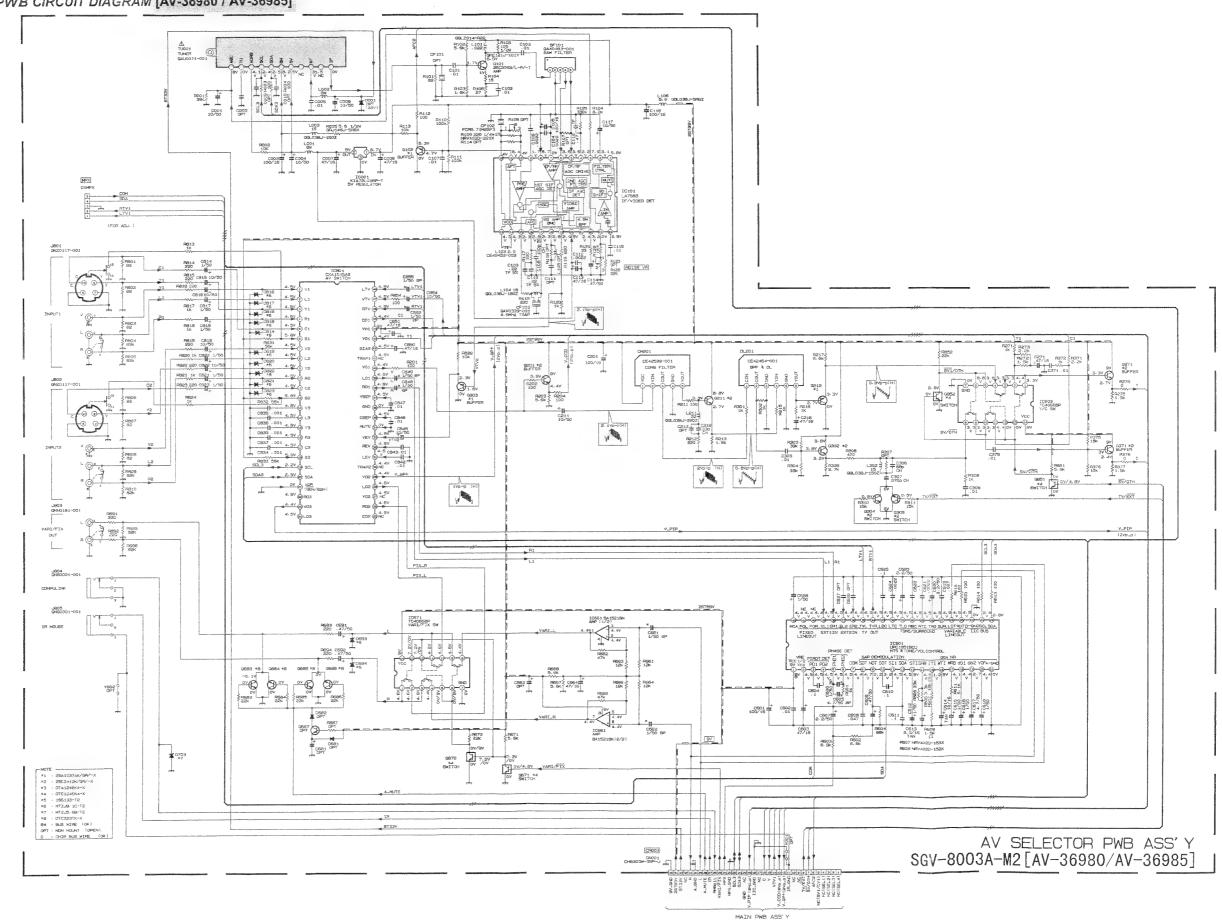
MAIN PWB & FRONT CONTROL PWB CIRCUIT DIAGRAM [AV-36980 / AV-36985]





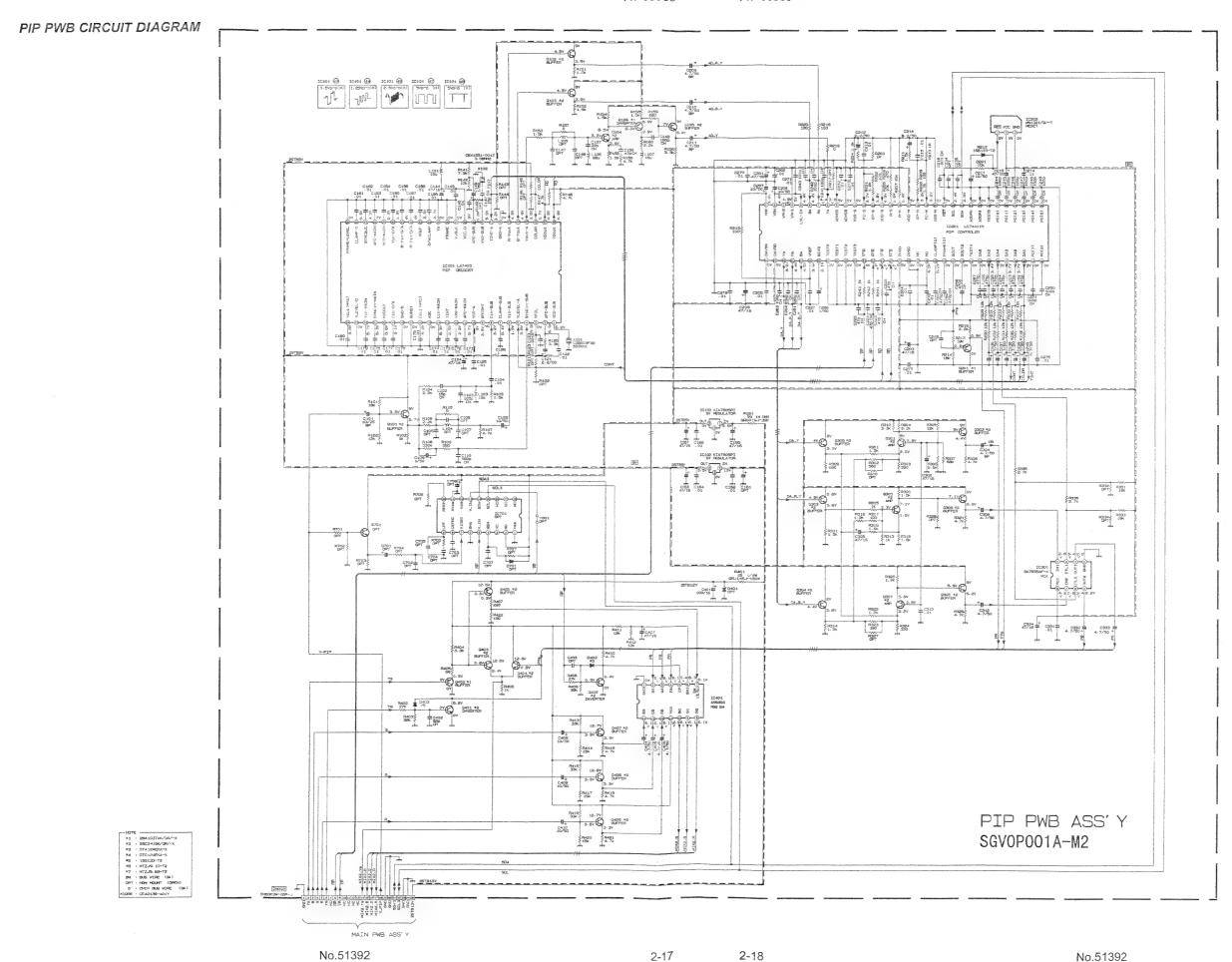


AV SELECTOR PWB CIRCUIT DIAGRAM [AV-36980 / AV-36985]

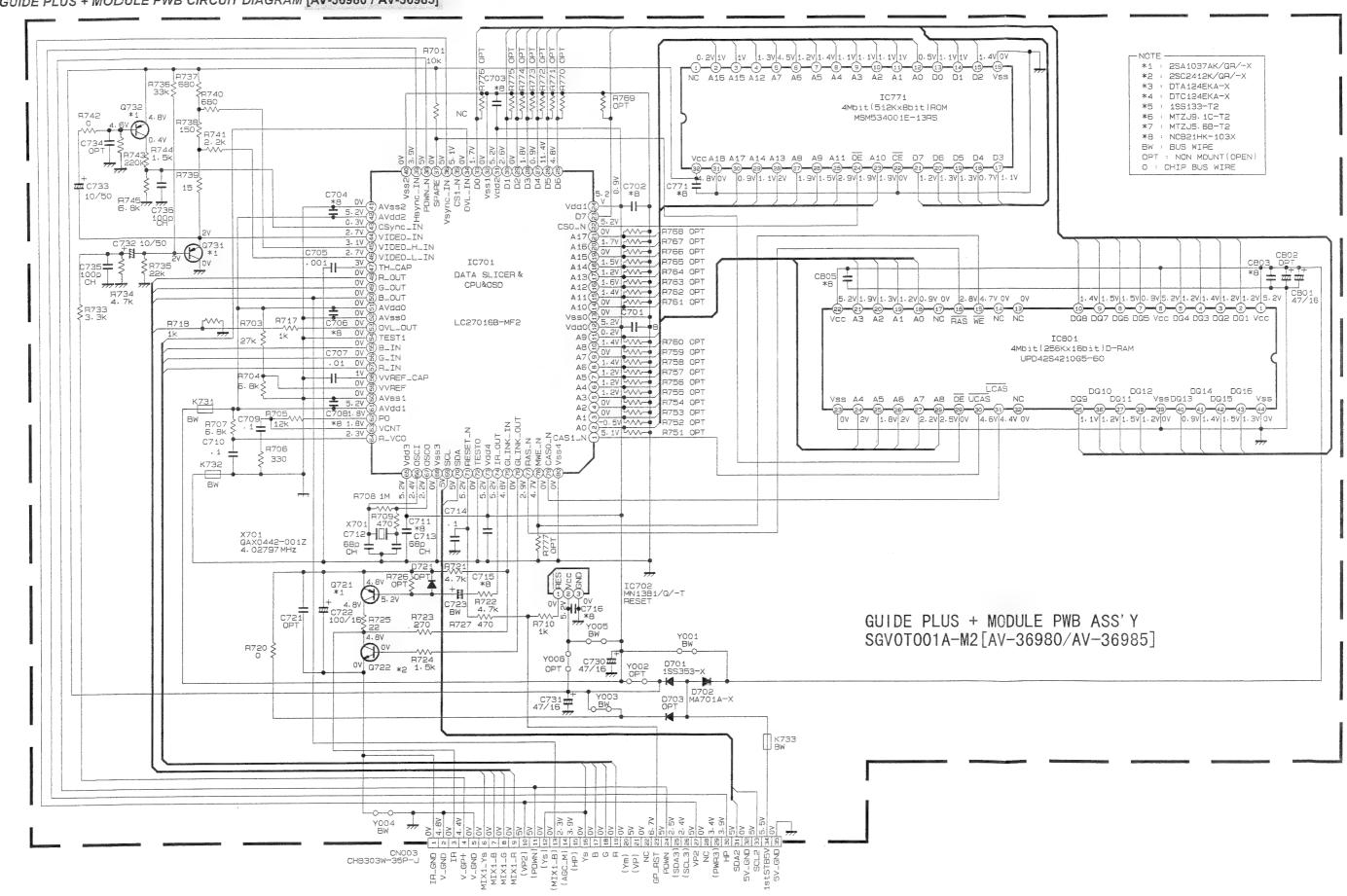


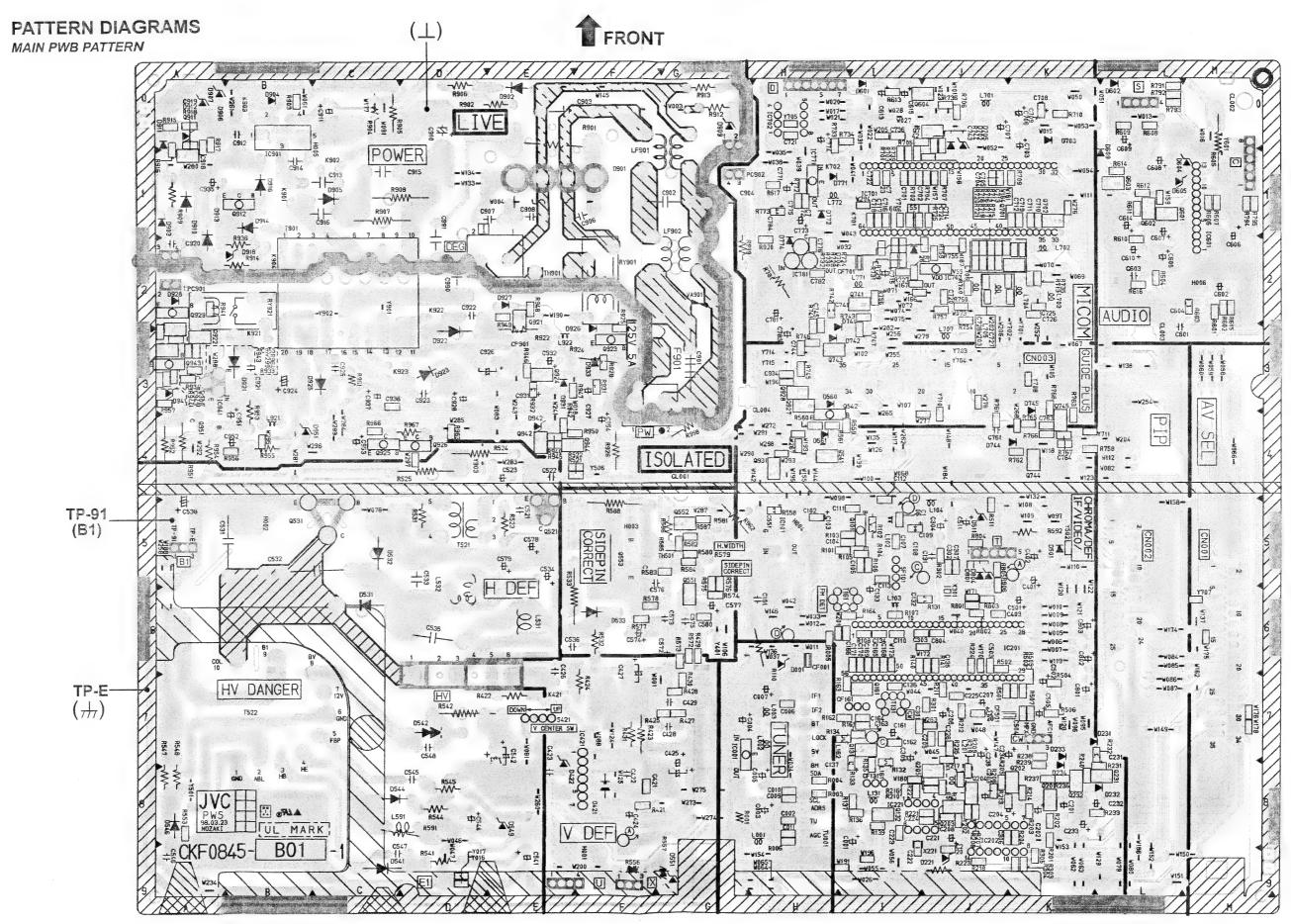
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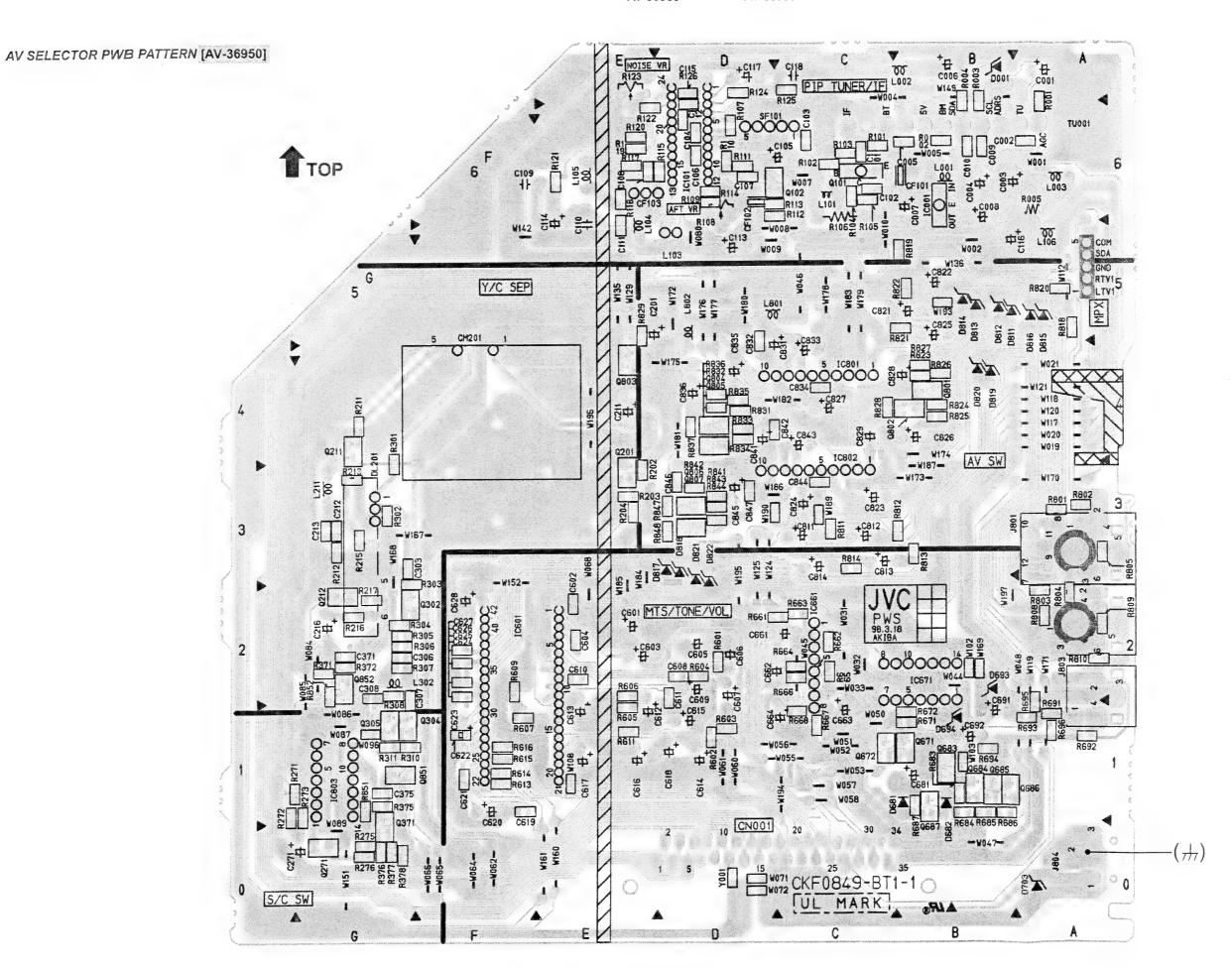
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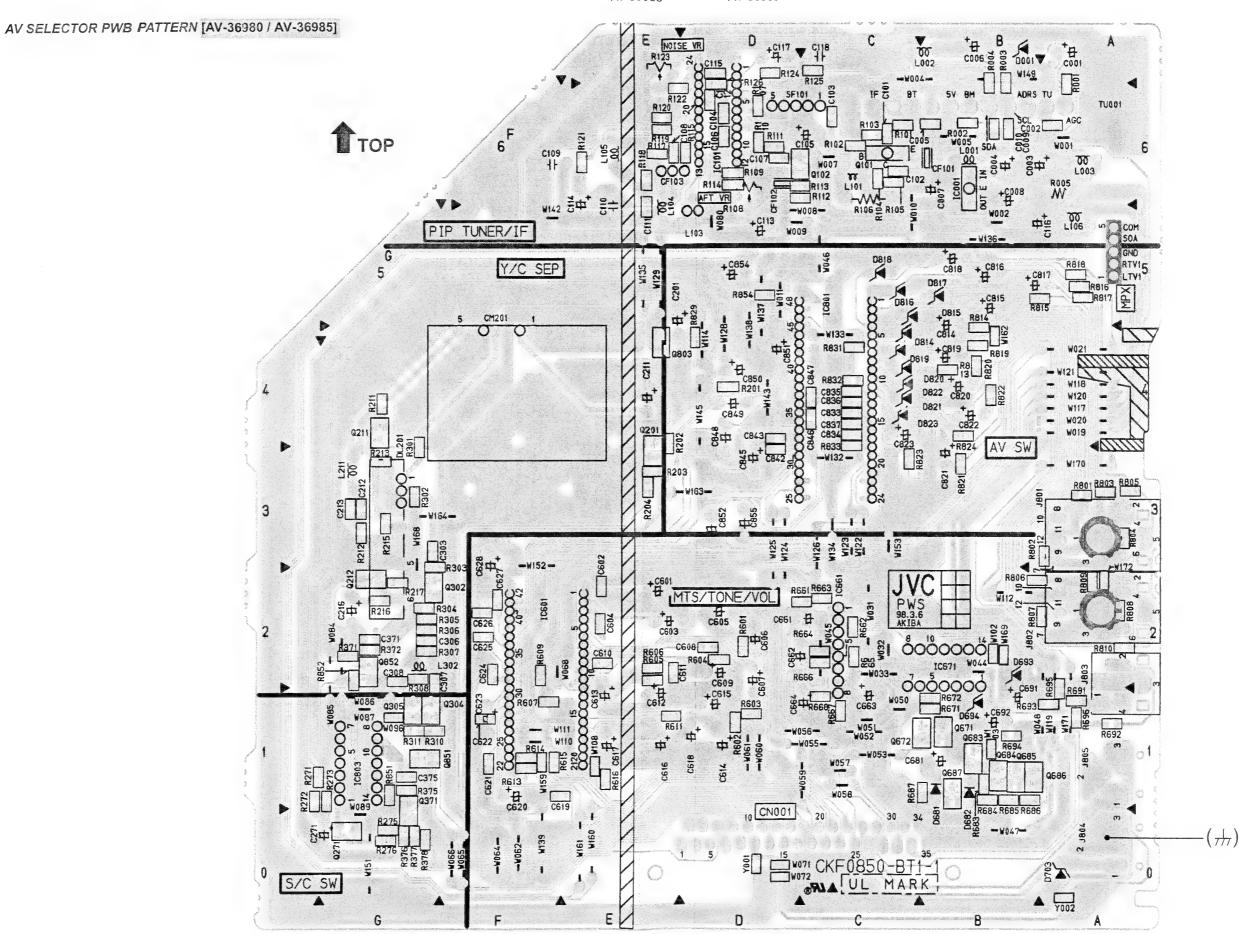


GUIDE PLUS + MODULE PWB CIRCUIT DIAGRAM [AV-36980 / AV-36985]



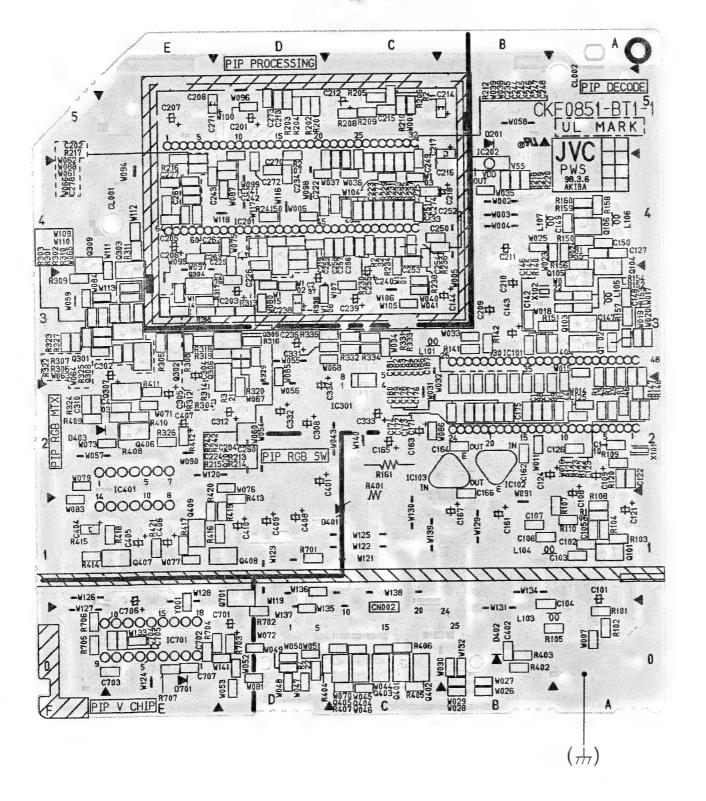


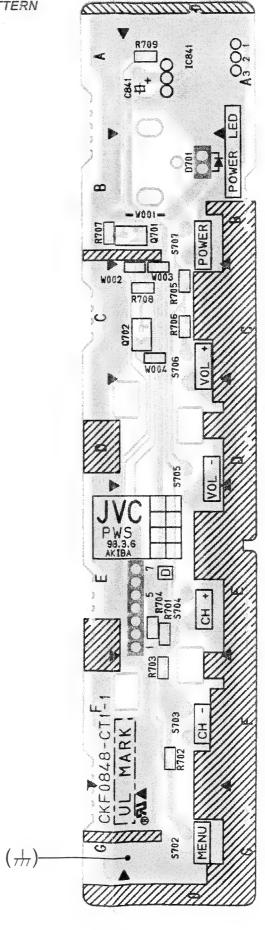




FRONT CONTROL PWB PATTERN



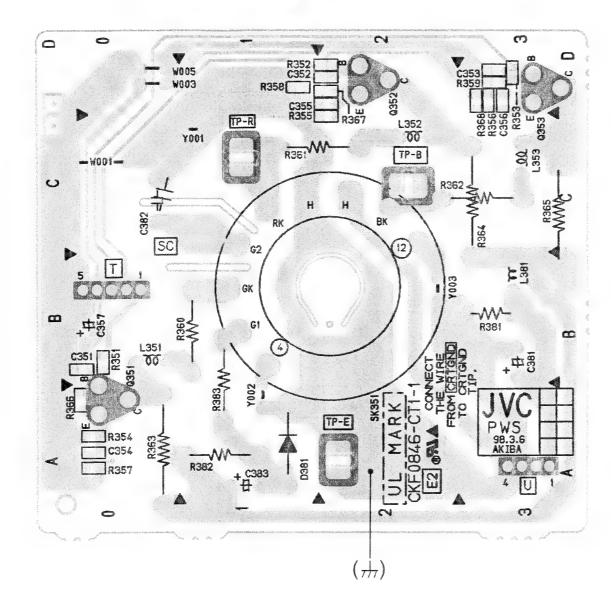






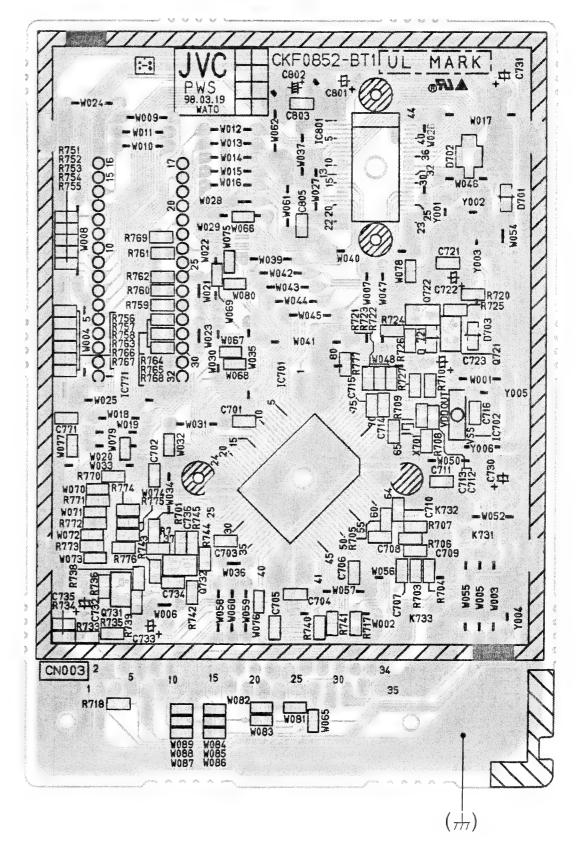
CRT SOCKET PWB PATTERN





GUIDE PLUS + MODULE PWB PATTERN





■CHANNEL CHART (US)

		L CH			
	DE	BAND	CHAN		TUNER
TV	CATV	BAND	REAL	DISP.	BAND
		VL	02 03 04 05	3 4 5	I
0	0	VH	07 08 09 10 11 12	7 3 9 0 1	П
			Α	14 15	I
		MID	B C D E F G H	16 17 18 19 20 21 22	
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×	0		W+1 W+2 W+3 W+4 W+5 W+6 W+7 W+8 W+9 W+10 W+11	37 38 39 40 41 42 43 44 45 46 47	
		HYPER	W+12 W+13 W+14 W+15 W+16 W+17 W+18 W+19 W+20 W+21 W+22 W+23 W+24 W+25 W+26 W+27 W+28	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	IV
		ULTRA	W+29 W+30 W+31 W+32 W+33 W+34	65 66 67 68 69 70	

MOI	DE		CHAN	TUNER	
TV	CATV	BAND	REAL	DISP	BAND
X	O	ULTRA	REAL W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+54 W+55 W+56 W+57 W+58 W+59 W+60 W+61 W+62 W+63 W+64 W+65 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+78 W+79 W+80 W+81 W+82 W+83 W+84 A-8	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 123 124 125 01	IV
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■CHANNEL CHART (CA)

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ΤV	CATV		REAL	DISP	BAND			
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0	0	VH	1 1 1	8 9 0 1 2 3				
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		ULTRA	W+30 W+31 W+32 W+33 W+34	66 67 68 69 70	IV			

MO	DE	BAND	CHAI	NNEL	TUNER
TV	CATV	DAND	REAL	BAND	
×	0	ULTRA	W+35 W+36 W+37 W+38 W+39 W+40 W+41 W+42 W+43 W+44 W+45 W+46 W+47 W+48 W+49 W+50 W+51 W+52 W+53 W+55 W+55 W+55 W+55 W+55 W+55 W+57 W+58 W+60 W+61 W+62 W+63 W+64 W+65 W+67 W+68 W+67 W+68 W+67 W+68 W+69 W+70 W+71 W+72 W+73 W+74 W+75 W+76 W+77 W+78 W+79 W+80 W+81 W+82 W+83	71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124	īV
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PARTS LIST

CAUTION

- The parts identified by the A symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS		CAPACITORS
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	ММ САР.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CHVR	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

	TOLERANCES										
F	G	J	к	М	N	R	Н	Z	Р		
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% 0%		

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USING P.W. BOARD & REMOTE CONTROL UNIT

Model	AV-36950 (US&CA)	AV-36980 (US&CA)	AV-36985 (US&CA)
P.W.B ASS'Y			
MAIN P.W.B	SGV-1004A-M2	SGV-1008A-M2	←
CRT SOCKET P.W.B	SGV-3002A-M2	SGV-3003A-M2	-
FRONT CONTROL P.W.B	SGV-4002A-M2		-
AV SELECTOR P.W.B	SGV-8002A-M2	SGV-8003A-M2	-
PIP P.W.B	SGV0P001A-M2	-	-
GUIDE PLUS + MODULE P.W.B	×	SGV0T001A-M2	
REMOTE CONTROL UNIT	RM-C755-1C	RM-C752-1C	RM-C888-1A

AV-36950 (US&CA)

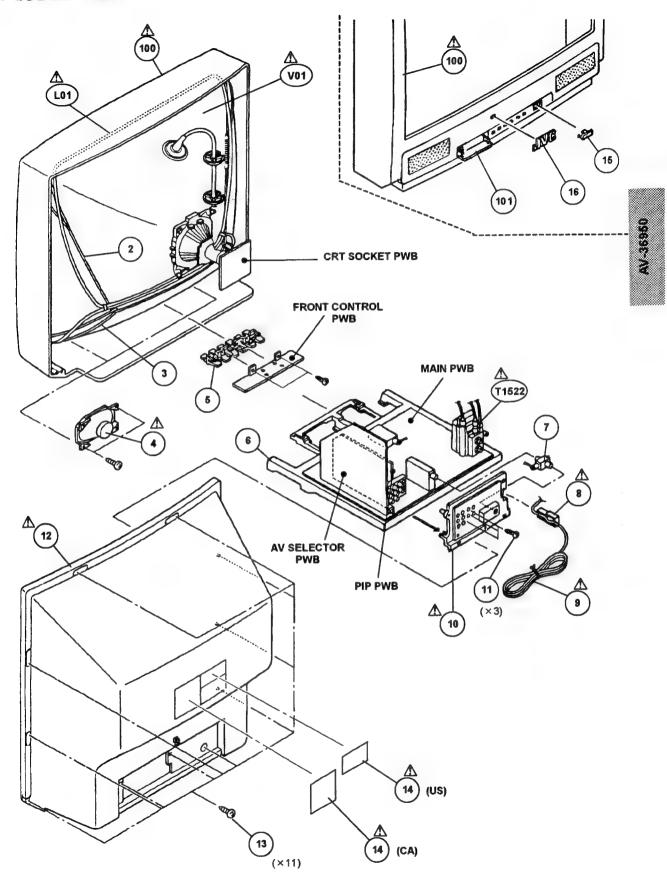
EXPLODED VIEW PARTS LIST

Δ	Ref.No.	Part No.	Part Name	Description	Local
Δ	L01	CELD067-001JA	DEGAUSSING COIL		*
Δ	V01	A90AEJ15X01	ITC TUBE(C)	(Inc.DY)	*
Δ	T1522	QQH0032-001	FBT	(Within MAIN PWB)	*
	2	CHGB0027-0A	BRAIDED ASSY		*
	3	CHGB0016-0C	BRAIDED SUB WIRE	(×2)	*
Δ	4	CEBSS12D-02J2	SPEAKER	(×2)SP01,SP02	*
	5	CM35776-B01-H	PUSH KNOB		*
	6	CM12689-B01-VA	CHASSIS BASE		*
	7	CEGA008-001	ANT.SPLITTER		*
Λ	8	CM48140-A03-A	CORD CLAMP		*
$\stackrel{\Lambda}{\Delta}$	9	QMPD070-200-JC	POWER CORD	(SERVICE)	
Δ	10	LC20087-002B-A	TERMINAL BOARD		*
	11	5BSB3010Z	TAPPING SCREW	(×3)	*
Δ	12	CM12634-D02-MA	REAR COVER		*
	13	GBSB4016Z	TAPPING SCREW	(×11)	*
Δ	14	CM23034-001-A	RATING LABEL	(US)	*
Δ	14	CM22999-001-A	RATING LABEL	(CA)	*
_	15	CM35983-001-H	REMOCON WINDOW		*
	16	CM46084-A01	BRAND MARK		
$\mathbf{\Lambda}$	100	CM12747-A0F-MA	FRONT CABINET	Inc.No.101	*
	101	CM36162-006-A	DOOR		

No. 51392

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EXPLODED VIEW



No. 51392 33

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGV-1004A-M2)

Symbol No.	Part No.	Part Name	Description	Local		ymbol No.	Part
VARI	ABLE	RESISTOR	1		F	RESI	[5]
R1579 R1581	QVP0067-203Z QVP0067-502Z	V R (SIDEPIN CORRECT) V R (H.WIDTH	20kΩ 5kΩ	*	R1 R1	1501 1502 1504	NRSA(NRSA(NRSA(
RESI	STOR					1505 1506	NRSA(NRSA(
R1001	QRJ146J-5R6X	C R	5.6Ω 1/4W J	*	R1	507	NRSAC
R1003-04	NRSA02J -OROX	MG R	0.0Ω 1/10W J	*		1511	NRSA(
R1005	NRSA02J-102X	MG R	1kΩ 1/10W J	*	, KI	1521	NRSA
R1101	NRSA02J-820X	MG R	82Ω 1/10W J	*	R1	1522	NRSAC
R1102 R1103	NRSA02J-562X NRSA02J-182X	MG R	5.6kΩ 1/10W J 1.8kΩ 1/10W J	*		523	QRE12
R1104	QRE121J-331Y	CR	330Ω 1/2W J	*		1524-25 1531	QRGO: QRE1:
R1105	NRSA02J-100X	MG R	10Ω 1/10₩ J			532	QRE1
R1106	NRSA02J-390X	MG R	39Ω 1/10W J			.533	QRL0
R1108	NRSA02J-101X	MG R	100Ω 1/10W J		∆ R1		QRK12
R1110	QRL029J-330	OM R	33Ω 2W J		KI	542	QRX01
R1131	NRSA02J-181X	MG R MG R	180Ω 1/10W J 100Ω 1/10W J	:		544	QRK12
R1132-33 R1134	NRSA02J-101X NRSA02J-152X	MG R	100Ω 1/10W J 1.5kΩ 1/10W J			.545	QRE12
21135	NRSA02J-331X	MG R	330Ω 1/10W J			.547 -48 .553	QRE12 NRSAC
R1136	NRSA02J-102X	MG R	1kΩ 1/10W J	*	▲ R1		QRA14
R1137	NRSA02J-561X	MG R	560Ω 1/10W J	*	▲ R1		QRA14
21139	NRSA02J -681X	MG R	680Ω 1/10W J	*		.558 .559	NRSAC
1161-62	NRSA02J-102X	MG R	1kΩ 1/10W J	*	K1	222	NRSAC
R1163 R1164	NRSA02J-332X NRSA02J-472X	MG R MG R	3.3kΩ 1/10W J 4.7kΩ 1/10W J	*		560	NRSAC
R1201	NRSA02J-0ROX	MG R	0.0Ω 1/10W J			.561 .572	NRSAC NRSAC
21202	NRSA02J-154X	MG R	150kΩ 1/10W J	*		.572 .573	MRSAC
R1203	NR SAO 2 J - 39 2 X	MG R	3.9kΩ 1/10₩ J	*		574	MRSAC
1204	NRSA02J-102X	MG R	1kΩ 1/10W J	*		575	MRSAC
1205	NRSA02J - 562X	MG R	5.6kΩ 1/10W J	*		576 577	NRSAC NRSAC
1206	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*	KI	3//	HI JAG
1207 1208	NR SAO2J - 152X NR SAO2J - 102X	MG R MG R	1.5kΩ 1/10W J 1kΩ 1/10W J	:		578	MRSAC
1209	NRSA02J-272X	MG R	2.7kΩ 1/10W J			580 582	NRSAC NRSAC
1210	NRSA02J-821X	MG R	820Ω 1/10W J	*		583	NRSAC
1211	NRSA023-683X	MG R	68kΩ 1/10W J	*		584	NRSAC
1212	NRSA023-224X	MG R	220kΩ 1/10W J			585	NRSAC
1213	NRSA02J-682X	MG R	6.8kΩ 1/10W J	*		586 587	QRE12 NRSAC
1214	NRSA02J-182X	MG R	1.8kΩ 1/10W J	*	1/1	301	
1215 1216	NRSA02J-471X NRSA02J-681X	MG R MG R	470Ω 1/10W J 680Ω 1/10W J	- ;		588	QRL03
1217	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*		601 602	NRSAC NRSAC
1218	NRSA02J-103X	MG R	10kΩ 1/10W J	*		603	NRSAC
1223	QRE121J-391Y	CR	390Ω 1/2W J	*		604	NRSAC
1225	NRSA02J-681X	MG R	680Ω 1/10W J	*		605	QRT03
1231	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*		606-07 611	NRSAC NRSAC
1232	NRSA02J - 392X	MG R	3.9kΩ 1/10W J	*	KI	011	
1233 1236	NRSA02J-182X NRSA02J-471X	MG R MG R	1.8kΩ 1/10W J 470Ω 1/10W J	- :		612	NRSAC
1237	NRSA02J-392X	MG R	3.9kΩ 1/10W J	*		613 614	NRSAO NRSAO
11238	NRSA02J-471X	MG R	470Ω 1/10W J	*	_	615-16	NRSAC
R1239	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*	R1	701	NRSAO
R1301	NRSA02J-393X	MG R	39kΩ 1/10W J	*		703	NRSAO
R1302	NRSA02J-183X	MG R	18kΩ 1/10W J	*		70 4 705	NRSA0 NRSA0
1303-04	NRSA02J-101X	MG R	100Ω 1/10W J	*	KT	103	IN JAU
1305 1421	NRSA02J-562X NRSA02J-472X	MG R MG R	5.6kΩ 1/10W J 4.7kΩ 1/10W J	*		706	NRSAO
1421	ORE121J-391Y	CR	390Ω 1/2W J	*		710	MRSAO
1423	QRT029J-1R2	MF R	1.2Ω 2W J	*		713 71 4	NRSAC NRSAC
1424	QRE121J-102Y	C R	1kΩ 1/2W J	*		716	NRSAC
1425	NRSA02J-683X	MG R	68kΩ 1/10W J		R1	717	NRSAC
1427	NRSA02J-303X	MG R	3.9kΩ 1/10W J	*		718	MRSAC
1428	NRSA02J-393X	MG R	39kΩ 1/10W J	*	K1	719	NRSAC
1429 1430	NRSA02J - 223X	MG R MG R	22kΩ 1/10W J 1kΩ 1/10W J	:	R1	720	NRSAC
	NRSA02J-102X	PUs 10	1kΩ 1/10W J				

Δ	Symbol No.	Part No.	Part Name	Description	Local
	RESI	STOR			
	R1501 R1502 R1504 R1505 R1506 R1507 R1511 R1521	MRSA02J-361X MRSA02J-182X MRSA02J-0R0X MRSA02J-622X MRSA02J-222X MRSA02J-563X MRSA02J-391X NRSA02J-391X	MG R MG R MG R MG R MG R MG R MG R	360Ω 1/10W J 1.8kΩ 1/10W J 0.0Ω 1/10W J 8.2kΩ 1/10W J 2.2kΩ 1/10W J 56kΩ 1/10W J 390Ω 1/10W J 390Ω 1/10W J	* * * * * * *
Δ	R1522 R1523 R1524-25 R1531 R1532 R1533 R1541 R1542	MRSA02J-271X QRE121J-103Y QRE029J-152 QRE121J-220Y QRE121J-681Y QRL039J-103 QRK129J-150 QRX01GJ-1R2	MG R C R OM R C R C R OM R C R	270Ω 1/10W J 10kΩ 1/2W J 1.5kΩ 2W J 22Ω 1/2W J 680Ω 1/2W J 10kΩ 3W J 15Ω 1/2W J 1.2Ω 1W J	* * * * * *
	R1544 R1545 R1547-48 R1553 R1556 R1557 R1558 R1559	QRK129J-4R7 QRE121J-622Y QRE121J-154Y MR5A02J-273X QRA14CF-7501Y QRA14CF-2671Y MR5A02J-333X MR5A02J-123X	C R C R C R MG R MF R MF R MG R	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * * * *
	R1560 R1561 R1572 R1573 R1574 R1575 R1576 R1577	NRSA02J-273X NRSA02J-103X NRSA02J-683X NRSA02J-153X NRSA02J-153X NRSA02J-124X NRSA02J-123X NRSA02J-123X NRSA02J-102X	MG R MG R MG R MG R MG R MG R MG R	27kΩ 1/10W J 10kΩ 1/10W J 68kΩ 1/10W J 15kΩ 1/10W J 15kΩ 1/10W J 270kΩ 1/10W J 12kΩ 1/10W J 1kΩ 1/10W J	* * * * * *
	R1578 R1580 R1582 R1583 R1584 R1585 R1586 R1587	NRSA02J-473X NRSA02J-103X NRSA02J-104X NRSA02J-182X NRSA02J-152X NRSA02J-472X QRE12LJ-472Y NRSA02J-562X	MG R MG R MG R MG R MG R C R MG R	47kΩ 1/10W J 10kΩ 1/10W J 100kΩ 1/10W J 1.6kΩ 1/10W J 1.5kΩ 1/10W J 4.7kΩ 1/10W J 4.7kΩ 1/2W J 5.6kΩ 1/10W J	* * * * * *
	R1588 R1601 R1602 R1603 R1604 R1605 R1606-07 R1611	ORL039J-100 NRSA02J-562X NRSA02J-221X NRSA02J-562X NRSA02J-221X ORT039J-2R2 NRSA02J-223X NRSA02J-333X	OM R MG R MG R MG R MG R MG R MG R	100 3W J 5.6k0 1/10W J 2700 1/10W J 5.6k0 1/10W J 2700 1/10W J 2700 1/10W J 2720 3W J 272k0 1/10W J 33k0 1/10W J	* * * * * * *
	R1612 R1613 R1614 R1615-16 R1701 R1703 R1704 R1705	NRSA02J-223X NRSA02J-473X NRSA02J-0R0X NRSA02J-771X NRSA02J-102X NRSA02J-823X NRSA02J-104X NRSA02J-103X	MG R MG R MG R MG R MG R MG R MG R	22kΩ 1/10W J 47kΩ 1/10W J 0.0Ω 1/10W J 270Ω 1/10W J 1kΩ 1/10W J 82kΩ 1/10W J 100kΩ 1/10W J 10kΩ 1/10W J	* * * * * * * * * *
	R1706 R1710 R1713 R1714 R1716 R1717 R1718 R1719	NRSA02J-OROX NRSA02J-331X NRSA02J-103X NRSA02J-222X NRSA02J-222X NRSA02J-471X NRSA02J-222X NRSA02J-471X	MG R MG R MG R MG R MG R MG R MG R MG R	0.0\Omega 1/10\W J 33\Omega 1/10\W J 10\kappa 1/10\W J 2.2\kappa 1/10\W J 47\Omega 1/10\W J 47\Omega 1/10\W J 47\Omega 1/10\W J 47\Omega 1/10\W J	* * * * * * *
	R1720	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*

Symbol No.	Part No.	Part Name	Description Local	▲ Symbol No.	Part No.	Part Name	Description Local
RESI	STOR		-	CAP	ACITOR		
R1721 R1724 R1725 R1726-28 R1729 R1730 R1731 R1732	NRSA02J-471X NRSA02J-102X NRSA02J-104X NRSA02J-103X NRSA02J-682X NRSA02J-101X NRSA02J-561X NRSA02J-224X	MG R MG R MG R MG R MG R MG R MG R	470Ω 1/10W J * 1kΩ 1/10W J * 100kΩ 1/10W J * 10kΩ 1/10W J * 10kΩ 1/10W J * 6.8kΩ 1/10W J * 100Ω 1/10W J * 560Ω 1/10W J * 220kΩ 1/10W J *	C1001 C1003 C1004 C1005 C1006 C1007 C1011 C1101	QETN1HM-475Z QETN1AM-477Z QETN1CM-227Z QETN1CM-476Z NCB21HK-103X QETN1HM-106Z NCB21HK-103X QFLC1HJ-104Z	E CAP. E CAP. E CAP. C CAP. C CAP. C CAP. C CAP. C CAP.	4.7µF 50V M * 470µF 10V M * 220µF 16V M * 47µF 16V M * 0.01µF 50V K * 10µF 50V M * 0.1µF 50V K *
R1733-34 R1735 R1736 R1739 R1740 R1741 R1742 R1743	NRSA02J-682X NRSA02J-103X NRSA02J-102X NRSA02J-473X NRSA02J-101X NRSA02J-223X NRSA02J-822X NRSA02J-222X	MG R MG R MG R MG R MG R MG R MG R	6.8k\(\Omega\$ 1/10\(\text{V}\) \\ 10k\(\Omega\$ 1/10\(\text{V}\) \\ 1k\(\Omega\$ 1/10\(\text{V}\) \\ 47k\(\Omega\$ 1/10\(\text{V}\) \\ 100\(\Omega\$ 1/10\(\text{V}\) \\ 22k\(\Omega\$ 1/10\(\text{V}\) \\ 8.2k\(\Omega\$ 1/10\(\text{V}\) \\ 2.2k\(\Omega\$ 1/10\(\text{V}\) \\ \end{array}	C1102 C1103 C1104-05 C1106 C1107 C1108 C1110 C1111	NCB21HK-103X QETN1CM-107Z NCB21HK-103X NDC21HJ-680X NCB21HK-103X QETN1CM-107Z NCB21HK-103X NCB21HK-222X	C CAP. E CAP. C CAP. C CAP. C CAP. C CAP. E CAP. C CAP. C CAP.	0.01 µF 50V K * 100 µF 16V M * 0.01 µF 50V K * 68 pF 50V J * 0.01 µF 50V K * 100 µF 16V M * 0.01 µF 50V K * 2200 pF 50V K *
R1744 R1745 R1746 R1747 R1756-57 R1758-59 R1760 R1772	NRSA02J-103X NRSA02J-473X NRSA02J-223X NRSA02J-222X NRSA02J-682X NRSA02J-102X NRSA02J-103X NRSA02J-103X	MG R MG R MG R MG R MG R MG R MG R	10kQ 1/10W J * 47kQ 1/10W J * 22kQ 1/10W J * 22kQ 1/10W J * 2.2kQ 1/10W J * 6.8kQ 1/10W J * 1kQ 1/10W J * 1kQ 1/10W J *	C1131 C1132 C1133 C1134 C1135 C1137 C1161 C1162	QEV71HJ-154Z QEN31HJ-152Z QETN1HM-474Z NCB21HK-102X NCB21HK-103X QETN1CM-476Z QETN1CM-107Z NCB21HK-103X	MF CAP. M CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. C CAP.	0.15µF 50V J * 1500pF 50V J * 1500pF 50V J * 1000pF 50V K * 1000pF 50V K * 100µF 16V M * 100µF 16V M * 100µF 50V K * 100µF 50V
R1773 R1791-95 R1801-03 R1804-06 R1901 R1902 R1903 R1904-05	NRSA02J-121X NRSA02J-561X NRSA02J-222X NRSA02J-101X QRF074K-R47 QRE121J-333Y NRSA02J-681X QRT029J-R22	MG R MG R MG R UNF R C R MG R MF R	120Ω 1/10W J * 560Ω 1/10W J * 2.2kΩ 1/10W J * 100Ω 1/10W J * 100Ω 1/10W J * 0.47 Ω 7W K * 33kΩ 1/2W J * 680Ω 1/10W J * 0.22Ω 2W J *	C1163 C1164-65 C1166 C1168-70 C1171 C1201 C1202-04 C1205	NDC21HJ-220X NDC21HJ-470X NCB21HK-103X NCB21HK-103X NCB21HK-222X QENC1HM-4752 QETN1CM-4762 NCB21HK-104X	C CAP. C CAP. C CAP. C CAP. C CAP. C CAP. E CAP. BP E CAP. E CAP. CHIP CAP.	22pF 50V J * 47pF 50V J * 0.01µF 50V K * 0.01µF 50V K * 2200pF 50V K * 4.7µF 50V M * 47µF 16V M * 0.1µF 50V K *
R1907-08 R1909 R1912-13 R1914 R1915-16 R1917 R1918 R1920	QRL039J-393 QRE121J-332Y QRE121J-333Y QRE121J-2R2Y NRSA02J-392X NRSA02J-103X NRSA02J-103X NRSA02J-103X	OM R C R C R C R MG R MG R MG R MG R	39kQ 3W J * 3.3kQ 1/2W J * 33kQ 1/2W J * 2.2Q 1/2W J * 3.9kQ 1/10W J * 10kQ 1/10W J * 10kQ 1/10W J *	C1206 C1207 C1208 C1221 C1224 C1225 C1226 C1228	QETN1HM-105Z QETN1HM-106Z NDC21HJ-680X QETN1CM-476Z NCB21HK-102X NCB21HK-104X NCC21HJ-681X NCB21HK-104X	E CAP. E CAP. C CAP. E CAP. C CAP. C CAP. CHIP CAP. C CAP. C CAP.	1 μF 50V M * 10 μF 50V M * 68 pF 50V J * 47 μF 16V M * 1000 pF 50V K * 0.1 μF 50V K * 680 pF 50V J * 0.1 μF 50V K *
R1924 R1925 R1926 R1928 R1931 R1933 R1934	QRG01GJ-221 NRSA02J-103X QRT029J-R82 NRSA02J-682X NRSA02J-123X NRSA02J-123X NRSA02J-104X QRE121J-222Y	OM R MG R MF R MG R MG R MG R C R	220Ω 1W J * 10kΩ 1/10W J * 0.82Ω 2W J * 6.8kΩ 1/10W J * 12kΩ 1/10W J * 12kΩ 1/10W J * 12kΩ 1/10W J * 2.2kΩ 1/2W J *	C1231 C1232 C1233 C1234-35 C1301 C1302 C1303 C1304	QETN1CM-476Z QETN11M-106Z QETN1CM-476Z QETN1HM-105Z NCB21HK-103X NDC21HJ-100X NCB21HK-223X QETN1HM-474Z	E CAP. E CAP. E CAP. C CAP. C CAP. C CAP. C CAP. C CAP. E CAP.	47µF 16V M * 10µF 50V M * 47µF 16V M * 1µF 50V M * 0.01µF 50V K * 10pF 50V J * 0.022µF 50V K * 0.47µF 50V M *
R1940 R1941 R1942 R1943 R1944 R1945-46 R1947 R1948	NRSA02J-104X NRSA02J-102X NRSA02J-222X NRSA02J-000X NRSA02J-393X NRSA02J-102X NRSA02J-472X NRSA02J-222X	MG R	100kΩ 1/10W J * 1kΩ 1/10W J * 2.2kΩ 1/10W J * 0.0Ω 1/10W J * 39kΩ 1/10W J * 1kΩ 1/10W J * 4.7kΩ 1/10W J *	C1305 C1306 C1401 C1402 C1403 C1421 C1424 C1425	QETN1CM-107Z NCB21HK-103X QETN1HM-225Z QBHC1CK-225Z NCB21HK-102X NCB21HK-103X QETN1VM-107Z QETN1VM-477Z	E CAP. C CAP. E CAP. TAN. CAP. C CAP. C CAP. E CAP. E CAP.	100µF 16V M * 0.01µF 50V K * 2.2µF 50V M * 2.2µF 16V K 1000pF 50V K * 0.01µF 50V K * 100µF 35V M * 470µF 35V M *
R1949 R1951 R1952 R1954 R1955 R1956 R1961 R1962	NRSA02J-104X QRT029J-1R2 QRT029J-1R0 QRE121J-272Y QRE121J-473Y MRSA02J-223X QR1146J-3R3X QRL029J-472	MG R MF R C R C R MG R C R OM R	100kΩ 1/10W J * 1.2Ω 2W J * 1.0Ω 2W J * 2.7kΩ 1/2W J * 47kΩ 1/2W J * 22kΩ 1/10W J * 3.3Ω 1/4W J * 4.7kΩ 2W J *	C1426 C1427 C1428 C1429 C1501 C1502 C1503 C1505	QFLC2AK-563Z QETM1EM-228 QFV71HJ-474Z QFV71HJ-224Z QETN1CM-227Z QETN1HM-106Z NCB21HK-103X QETN1HM-106Z	M CAP. E CAP. HE CAP. HE CAP. E CAP. E CAP. C CAP. C CAP.	0.056µF 100V K * 2200µF 25V M * 0.47µF 50V J * 0.22µF 50V J * 220µF 16V M * 10µF 50V M * 0.01µF 50V K * 10µF 50V M *
R1963 R1966 R1967 A R1998 A R1999	NRSA02J-103X NRSA02J-223X QRE121J-683Y QRZ9041-275 QRE121J-121Y	MG R MG R C R C R C R	10kΩ 1/10W J * 22kΩ 1/10W J * 68kΩ 1/2W J * 2.7MΩ 1/2W K * 120Ω 1/2W J *	C1511 C1521 C1522 C1523 A C1531 A C1532	QETN1CM-476Z QCB32HK-151Z QCB32HK-331Z QETN2CM-105Z QFZ0117-4001 QFZ0117-1302	E CAP. C CAP. C CAP. E CAP. MPP CAP. MPP CAP.	47µF 16V M * 150pF 500V K * 330pF 500V K * 1µF 160V M * 4000pF1.4kVH±2.5% * 0.13µF1.4kVH±2.5% *

∆ Symbol No.	Part No.	Part Name	Description Local	∆ Symbol	No. Part No.	Part Name	Description Local
CAP	ACITOR			CA	PACITOR	2	
△ C1533 C1534 △ C1535 C1536 C1536 C1541 C1542 C1544	QFP32GJ-223 QEHR2EM-225Z QFZ0119-624 QCB32HK-561Z QEZ0420-107 QETN2EM-226Z QETH1VM-108 QETN1VM-107Z	PP CAP. E CAP. M.PP CAPACITOR C CAP. E CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	0.022µF 400V J * 2.2µF 250V M 0.62µF 200V ±3% * 560pF 500V K * 100µF 160V M * 22µF 250V M * 1000µF 35V M *	C1924 C1925 C1926 C1927 C1928 C1931- C1934 C1935	QEZO420-107 QCZ0132-152Z QETM1CM-228 QETN1CM-227Z QETM1EM-108 32 QETN1CM-476Z NCB21HK-102X QETN2AM-106Z	E CAP. C CAP. E CAP. E CAP. E CAP. E CAP. C CAP. E CAP. C CAP.	100 µF 160 V M * 1500 PF 500 V K * 2200 µF 16 V M * 220 µF 16 V M * 1000 µF 25 V M * 47 µF 16 V M * 1000 PF 50 V K * 10 µF 100 V M *
C1545 C1546 C1548 C1551 C1573 C1574 C1575 C1577	QFLC2AJ-103Z QFLC1HJ-473Z QCB32HK-102Z QE7N1HM-106Z QFLC1HJ-683Z QETN1AM-477Z QFLC1HJ-683Z QETN1VM-476Z	M CAP. M CAP. C CAP. E CAP. M CAP. E CAP. M CAP. E CAP. M CAP. E CAP.	0.01µF 100V J * 0.047µF 50V J * 1000pF 500V K * 10µF 50V M * 0.068µF 50V J * 470µF 10V M * 0.068µF 50V J * 47µF 35V M *	C1937 C1938 C1951 C1952 C1954 ▲ C1990 ▲ C1991	QETN2CM-106Z NDC21HJ-471X QETN1CM-107Z QETN1HM-476Z QETN1HM-226Z QCZ9074-103 QCZ9074-103	E CAP. C CAP. E CAP. E CAP. C CAP. C CAP. C CAP.	10µF 160V M * 470pF 50V J * 100µF 16V M * 47µF 50V M * 22µF 50V M * 0.01µFAC125V M *
C1578-79	QEM61HK-475Z	E CAP.	4.7µF 50V K	TR	ANSFORM	ER	
C1602 C1604 C1605 C1606 C1607 C1608-09 C1613	QENC1HM-474Z QENC1HM-474Z QETN1CM-107Z QETN1EM-108Z QETN1HM-474Z QETN1CM-477Z QETN1CM-476Z	BP E CAP. BP E CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	0.47µF 50V M * 0.47µF 50V M * 100µF 16V M * 1000µF 25V M * 0.47µF 50V M * 470µF 16V M *	T1131 T1161 T1521 ▲ T1522 ▲ T1901	QQR0907-001 CELT003-109J3 CE42034-002 QQH0032-001 CET5107-001J8	IFT S.I.F.TRANSF. H.DRIVE TRANSF. F B T SW TRANSF.	* * *
C1614 C1615 C1701-02 C1703 C1704 C1705 C1706 C1708	QETN1HM-225Z QETN1HM-474Z NCB21HK-103X QETN1CM-107Z NCB21HK-103X NDC21HJ-181X QETN1HM-474Z QETN1HM-105Z	E CAP. E CAP. C CAP. C CAP. C CAP. C CAP. C CAP. C CAP. E CAP.	2.2µF 50V M * 0.47µF 50V M * 0.01µF 50V K * 100µF 16V M * 0.01µF 50V K * 180pF 50V J * 0.47µF 50V M *	L1001 L1102 L1103 L1104 L1131 L1161 L1162 L1201	QL03BJ-101Z QQL014-R22 QQL7014-R68 QQL03BJ-680Z QQL03BJ-330Z QQL03BJ-680Z QQL03BJ-220Z QQL03BJ-270Z	COIL PEAKING COIL PEAKING COIL COIL COIL COIL COIL COIL	100µH J * 0.22µH * 0.68µH * 68µH J * 33µH J * 68µH J * 22µH J *
C1709 C1710-11 C1712 C1713 C1714 C1715 C1716 C1717-18	NDC21HJ - 221X NDC21HJ - 390X NDC21HJ - 270X NDC21HJ - 150X NCB21HK - 103X QETNLCM-107Z NCB21HK - 103X NDC21HJ - 330X	C CAP.	220pF 50V J * 39pF 50V J * 27pF 50V J * 15pF 50V J * 0.01µF 50V K * 100µF 16V M * 0.01µF 50V K * 33pF 50V J *	▲ L1531 L1532 ▲ L1591 L1701 L1702 L1707 L1771 L1921	CE41663-00B QQLZ016-821 QQLZ018-340 QQL03BJ-5R6Z QQL244J-100Z QQL03BJ-5R6Z QQL03BJ-5R6Z QQL42AK-820Z	LINEARITY COIL CHOKE COIL HEATER CHOKE COIL COIL COIL COIL COIL	* * 5.6 µH J * 10 µH J * 5.6 µH J * 8.2 µH K *
C1719 C1720-21	NDC21HJ-471X NCB21HK-103X	C CAP. C CAP.	470pF 50V J * 0.01µF 50V K *	L1922	QQL42AK-220Z	COIL	22µH K *
C1724 C1736	NDC21HJ-471X NCB21HK-102X	C CAP. C CAP.	470pF 50V J * 1000pF 50V K *	DI	ODE		
C1741 C1743 C1744 C1771	QFN31HJ-102Z NCB21HK-103X NDC21HJ-681X QETN1CM-476Z	M CAP. C CAP. C CAP. E CAP.	1000pF 50V J * 0.01µF 50V K * 680pF 50V J * 47µF 16V M *	D1001 D1221 D1231-1 D1421	MTZJ33A-T2 MTZJ5.1B-T2	ZENER DIODE ZENER DIODE SI.DIODE SI.DIODE	* * *
C1772 C1773 C1774 C1801-03 ▲ C1901	NCB21HK-103X QETN1CM-107Z QETN1CM-227Z QETN1HM-474Z QFZ9040-104	C CAP. E CAP. E CAP. E CAP. M.F.CAPACITOR	0.01µF 50V K * 100µF 16V M * 220µF 16V M * 0.47µF 50V M * 0.1µFAC275V M *	D1422 D1501 D1511 A D1531	MTZJ75-T2 1SS133-T2 MTZJ3.3A-T2 RH3G-F1	ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE	*
△ C1902 △ C1903 △ C1904	QFZ9040-104 QFZ9040-473 QFZ9040-104 QCZ9052-102	M.M.CAPACITOR M.F.CAPACITOR C.CAP.	0.1µFAC275V M * 0.1µFAC275V M * 1000pFAC125V M *	△ D1532 D1533 D1541 D1542	RU3AM-LFC4 RGP10J-5025-T3 RH1S-T3 RGP10J-5025-T3	\$1.010DE \$1.010DE \$1.010DE \$1.010DE	* * *
△ C1906 △ C1907 △ C1908 △ C1910 C1911	QCZ9078-102 QCZ9078-102 QCZ9078-102 QEZ0169-477 QETN1VM-477Z	C CAP. C CAP. C CAP. E CAP. E CAP.	1000pFAC250V M * 1000pFAC250V M * 1000pFAC250V M * 470µF 200V M * 470µF 35V M *	D1544 D1546 D1549 ▲ D1551	15581-T2 15R124-400A-T2 MTZJ9.1B-T2 MA4068N/Z1/-T2	SI.DIODE SI.DIODE ZENER DIODE ZENER DIODE	•
C1912 C1913 C1914	QENIVH-4772 QFN31HJ-102Z QCZ0325-222 QCZ0325-391	M CAP. C CAP. C CAP.	1000pF 2000V K * 390pF 2000V K *	D1560-0 D1601-0 D1609 D1702-0	155133-T2 155133-T2	S1.DIODE S1.DIODE S1.DIODE S1.DIODE	* * *
C1915 C1916 C1918 C1919	QFP32GJ - 223 QC20325 - 222 NCB21HK - 102X NCB21HK - 222X	PP CAP. C CAP. C CAP. C CAP.	0.022µF 400V J * 2200pF 2kV K * 1000pF 50V K * 2200pF 50V K * 0.082µF 50V J *	D1741-4 D1771- D1801 D1804	42 1SS133-T2	SI.DIODE SI.DIODE ZENER DIODE SI.DIODE	* *
61920 61921-23	QFLC1HJ -823Z QCZ0132-152Z	M CAP. C CAP.	0.082µF 50V J * 1500pF 500V K *	▲ D1901	-D3SBA60-S1	BRIDGE DIODE	*

1	Symbol No.	Part No.	Part Name	Description Local
	DIO	E		
	D1902	RGP10J-5025-T3	SI.DIODE	
	D1903-04	155133-T2	S1.DIODE	
	D1905 D1909	EG1A-T3 MTZJ15A-T2	SI.DIODE ZENER DIODE	
	D1909 D1910	RGP10J-5025-T3	SI. DIODE	•
	D1911	155133-T2	SI.DIODE	*
	D1912	MTZJ15A-T2	ZENER DIODE	*
	D1913-14 D1916	RGP10J-5025-T3 RGP10J-5025-T3	SI.DIODE SI.DIODE	
	D1918	MTZJ13B-T2	ZENER DIODE	
	D1921	RU30A-F1	SI.DIODE	
	D1922 D1923	RU3YX-LFC4 EGP10DL-6006-F1	SI.DIODE SI.DIODE	*
	D1925	RGP10J-5025-T3	SI.DIODE	•
	D1926-28	155133-T2	51.DIODE	*
	D1931	155133-T2	SI.DIODE SI.DIODE	
	D1933 D1942	155133-T2 MTZJ6.8C-T2	ZENER DIODE	
	D1951	MTZJ7.55-T2	ZENER DIODE	*
_	TRAN	ISISTO	R	
	Q1101	2SC5083/L-P/-T	SI. TRANSISTOR	•
	Q1131-32	2SC2412K/QR/-X 2SC2412K/QR/-X	SI.TRANSISTOR SI.TRANSISTOR	
	Q1161 Q1201-03	25C2412K/QR/-X 2SC2412K/QR/-X	SI. TRANSISTOR	
	01204-05	2SA1037AK/QR/-X	SI. TRANSISTOR	
	01231-32	25C2412K/QR/-X	SI. TRANSISTOR	1
	Q1521 Q1531	2SC4212/Z1/ 2SD2539-LB	SI.TRANSISTOR SI.TRANSISTOR	H.OUT
	01541	2SA1037AK/QR/-X	SI.TRANSISTOR	
	Q1541 Q1542	25C2785/JH/-T	SI. TRANSISTOR	
	Q1551	2SC2412K/QR/-X	SI. TRANSISTOR	
	Q1552	25A1037AK/QR/-X	SI. TRANSISTOR	
	Q1553 Q1601	2SD1408/0Y/-LB DTC124EKA-X	SI.TRANSISTOR DIGI.TRANSISTOR	
	Q1602	2SC2412K/QR/-X	SI. TRANSISTOR	•
	Q1603	DTC124EKA-X	DIGI.TRANSISTOR	•
	Q1604	2SA1037AK/QR/-X	SI. TRANSISTOR	
	Q1701 01702	DTC124EKA-X 2SC2412K/QR/-X	DIGI.TRANSISTOR SI.TRANSISTOR	
	Q1702 Q1741	25C2412K/QR/-X 2SC2412K/QR/-X	SI. TRANSISTOR	•
	Q1742	DTC124EKA-X	DIGI.TRANSISTOR	
	01743	2SC2412K/QR/-X	SI. TRANSISTOR	
	01911	2SA1037AK/QR/-X 2SD2088-T	SI.TRANSISTOR SI.TRANSISTOR	
	Q1912 Q1921	25C2412K/QR/-X	SI. TRANSISTOR	•
	Q1922	2SD1383K/AB/-X	SI.TRANSISTOR	
	Q1923	2SA1020/Y/-T	SI. TRANSISTOR	
	Q1924	25C2412K/QR/-X	SI.TRANSISTOR	
	Q1925	2SA949/Y/Z1-T 2SC2240/GL/-T	SI.TRANSISTOR SI.TRANSISTOR	•
	Q1926 Q1927-28	DTC124EKA-X	DIGI. TRANSISTOR	
	Q1942-43	25C2412K/QR/-X	SI.TRANSISTOR	
	Q1944 Q1951	DTC124EKA-X 2SA949/Y/Z1-T	DIGI.TRANSISTOR S1.TRANSISTOR	
_	IC			
	IC1001	KIA78L058P-T	I.C. (MONO-ANA)	
	IC1101	UPC2409AHF	I.C. (MONO-ANA)	4
	IC1201 IC1202	TA1242N TC4066BP	I.C.(MONO-ANA) I.C.(DIGI-MOS)	
	IC1421	LA7832	I.C. (MONO-ANA)	1
	IC1601	LA4485	I.C. (MONO-ANA)	:
	IC1701	MN1874878JB AT24C02-36950U	I C I.C.	(SERVICE)
	IC1702			(JENVICE)
	IC1703 IC1771	MN1381/Q/-T AN77L05-T	I.C.(MONO-ANA) I.C.(MONO-ANA)	•
	IC1901	STR-F6626	I C I.C.(HYBRID)	1

Δ	Symbol No.	Part No.	Part Name	Description Loca
	ОТНЕ	ERS		
Δ	CF1001 CF1131 CF1161 CF1501 CF1701 CN1001 CN10PW CN1DEG	FTP47. 25MF QAX0339-001 SFSH4. 5MCB CSB503F30-T2 FCR12. 0M25 CHB303W-35R-J QMP0070-200-JC CH42145-802T	CERAMIC FILTER CERAMIC FILTER CERAMIC FILTER CER. RESONATOR CER. RESONATOR RECEPTACLE POWER CORD VH POST HEADER	
△	F1901 K1421 K1901 K1903 K1921 K1922 LF1901 LF1902	QMF0007-5R0J1 QR0582-001Z CE41433-001Z CE41433-001Z CE41433-001Z QR0621-001Z CELF001-001J1 CE42335-001J1	FUSE BEADS CORE BEADS CORE BEADS CORE BEADS CORE BEADS CORE LINE FILTER LINE FILTER	5. OA
Δ	PC1901 PC1902 RY1901 RY1921 S1421 SF1101 TH1501 TH1901	TLP621(B) TLP621(B) CESK028-001 CESK028-001 QSL4A13-C02 CE42604-201 CEKP004-002 CEKP007-002	I.C. (PH.COUPLER) I.C. (PH.COUPLER) RELAY RELAY LEVER SWITCH SAW FILTER P. THERMISTOR P. THERMISTOR	(V.CENTER SW)
Δ	TU1001 VA1901 X1301 Y1131-32 Y1504-05 Y1705 Y1710 Y1712	QAU0071-001 ERZV10V361CS QAX0310-001Z MRSA02J-OROX MRSA02J-OROX MRSA02J-OROX MRSA02J-OROX MRSA02J-OROX	TUNER VARISTOR CRYSTAL MG R	0.0\Omega 1/10\W J

CRT SOKET P.W. BOARD ASS'Y (SGV-3002A-M2)

Δ	Symbol No.	Part No.	Part Name	Descripti	on	Local
	RES	STOR				
	R3351-53	NRSA02J-221X	MG R	220Ω 1/10W	J	*
	R3354-56	NRSA02J-181X	MG R	180Ω 1/10W	J	
	R3357-59	NRSA02J-101X	MG R	100Ω 1/10W	j	
	R3360-62	QRZ0111-152	C R	1.5kΩ 1/2₩	K	*
	R3363-65	QRG029J-103	OM R	10kΩ 2W	J	*
	R3366-68	NRSA02J-152X	MG R	1.5kΩ 1/10W	J	*
	R3381	QRE121J-394Y	C R	390kΩ 1/2W	J	*
	CAPA	ACITOR				
	C3354-55	NCS21HJ-331X	C CAP.	330pF 50V	J	*
	C3356	NCS21HJ-391X	C CAP.	390pF 50V	J	
	C3357	QETN1CM-107Z	E CAP.	100µF 16V	М	
Δ	C3382	QCZ0121-102	C CAP.	1000pF 3000V	Z	*
_	COIL	_				
	L3381	QQL39BK-101Z	COIL	100µН	K	*
	TRAN	NSISTO	R			
	Q3351-53	2SC4544-LB	SI.TRANSISTOR			
	ОТНЕ	ERS				
٨	SK3351	CE42535-001J1	C.R.T. SOCKET			

FRONT CONTROL P.W. BOARD ASS'Y (SGV-4002A-M2)

Symbol No.	Part No.	Part Name	Description	Local
RES	STOR			
R4701	NRSA02J-103X	MG R	10kΩ 1/10W J	*
R4702	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*
R4703	NRSA02J-153X	MG R	15kΩ 1/10 W J	*
R4704	NRSA02J-103X	MG R	10kΩ 1/10W J	
R4705	NRSA02J-472X	MG R	4.7kΩ 1/10₩ J	
R4706	NRSA02J-153X	MG R	15kΩ 1/10W J	
R4707	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
R4708	NRSA02J-681X	MG R	680Ω 1/10W J	*
R4709	NRSA02J-561X	MG R	560Ω 1/10W J	*
CAPA	ACITOR			
C4841	QETN1CM-476Z	E CAP.	47µF 16V №	*
DIO) E			
D4701	GL 2PR6	L.E.D. (RED)		*
TRAN	NSISTO	R		
Q4701-02	DTA124EKA-X	DIGI.TRANSISTOR		*
IC				
104841	GP1U281Q	IFR DETECT UNIT		*
ОТНЕ	ERS			
	CM46978-A01-H	L.E.D.HOLDER		*
54702	QSP1A11-C19Z	PUSH SWITCH	(MENU)	
\$4703	QSP1A11-C19Z	PUSH SWITCH	(CH -)	
\$4704	QSP1A11-C19Z	PUSH SWITCH	(CH +)	
\$4705	QSP1A11-C19Z	PUSH SWITCH	(VOL -)	
\$4706	QSP1A11-C19Z	PUSH SWITCH	(VOL +)	
S4707	QSP1A11-C19Z	PUSH SWITCH	(POWER)	
34/0/	AZLIVII-CIAT	1 0 311 3 4 1 1 013	(

AV SELECTOR P.W. BOARD ASS'Y (SGV-8002A-M2)

Symbol No.	Part No.	Part Name	Description	Loca
RES	ISTOR			
R8002	NRSA02J-103X	MG R	10kΩ 1/10₩ J	
R8003-04	NRSA02J-OROX	MG R	0.0Ω 1/10₩ J	
R8005	QRJ146J-5R6X	C R	5.6Ω 1/4W J	
R8101	NRSA02J-820X	MG R	82Ω 1/10W J	
R8102	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R8103	NRSA02J-182X	MG R	1.8kΩ 1/10W J	
R8104	NRSA02J-180X	MG R	18Ω 1/10W J	
R8105	NRSA02J-270X	MG R	27Ω 1/10W J	
R8106	QRE121J-101Y	C R	100Ω 1/2W J	
R8109	NRVA02D-221X	MF R	220Ω 1/10W D	
R8110-11	NRSA02J-104X	MG R	100kΩ 1/10W J	
R8112	NRSA02J-101X	MG R	100Ω 1/10W J	
R8113	NRSA02J-103X	MG R	10kΩ 1/10W J 220Ω 1/10W J	
R8115	NRSAO2J-221X NRSAO2J-181X	MG R MG R	220Ω 1/10W J 180Ω 1/10W J	
R8117 R8119	NRSA02J-821X	MG R	820Ω 1/10₩ J	
D8176	NRSA02J-102X	MG R	1kΩ 1/10W J	
R8120 R8121	NRSA02J-102A	MG R	33Ω 1/10W J	
R8124	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R8125	NRSA02J-334X	MG R	330kΩ 1/10W J	
R8126	NRSA02J-223X	MG R	22kΩ 1/10¥ J	
R8202	NRSA02J-101X	MG R	100Ω 1/10W J	
R8203	NRSA02J-562X	MG R	5.6kΩ 1/10¥ J	
R8204	NRSA023-101X	MG R	100Ω 1/10W J	
R8211	NRSA02J-101X	MG R	100Ω 1/10W J	
R8212	NRSA02J-221X	NG R	220Ω 1/10W J	
R8213	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R8215-16	NRSA02J-102X	MG R	1kΩ 1/10¥ J	
R8217	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R8271	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
R8275 R8276	NRSAO2J-152X NRSAO2J-OROX	MG R MG R	1.5kΩ 1/10W J 0.0Ω 1/10W J	
R8301-02	NRSA02J-102X	MG R	1kΩ 1/10W J	
R8303	NRSA02J-393X	MG R	39kΩ 1/10W J	
R8304	NRSA02J-333X	MG R	33kΩ 1/10W J	
R8305	NRSA02J-272X	MG R MG R	2.7kΩ 1/10W J 100Ω 1/10W J	
R8306 R8308	NRSAO2J-101X NRSAO2J-221X	ng R NG R	220Ω 1/10W J	
R8310-11	MRSA02J-221X	MG R	15kΩ 1/10W J	
R8371	MRSA02J-681X	MG R	680Ω 1/10₩ J	
R8372	NRSA02J-102X	MG R	1kΩ 1/10W J	
R8375	NRSA02J-183X	MG R	18kΩ 1/10W J	
R8376	NRSA02J -103X	MG R	10kΩ 1/10W J	
R8377	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R8378	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
R8601	NRSA02J-102X	MG R	1kΩ 1/10W J	
R8602-03	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
R8604	NRSA02J-683X	MG R	68kΩ 1/10W J	
R8605	MRSA02J-332X	MG R	3.3kΩ 1/10W J	
R8606	NRSA02J-333X	MG R	33kΩ 1/10W J	
R8607	NRVAO2D-153X	MF R	15kΩ 1/10W D	
R8609	NRVA02D-152X	HF R	1.5kΩ 1/10W D	
R8611	NRSA02J-512X	MG R	5.1kΩ 1/10W J	
R8613-16	NRSA02J-101X	MG R	100Ω 1/10W J	
R8661 R8662	NRSAO2J-123X NRSAO2J-473X	MG R MG R	12kΩ 1/10W J 47kΩ 1/10W J	
R8663-64	NRSA02J-123X NRSA02J-473X	MG R MG R	12kΩ 1/10W J 47kΩ 1/10W J	
R8665 R8666	NRSA023-473X NRSA023-123X	MG R	4/kΩ 1/10W J 12kΩ 1/10W J	
R8667-68	NRSA02J-123X	MG R	5.6kΩ 1/10W J	
R8671	NRSA02J-562X	MG R	5.6kΩ 1/10W J	
R8672	NRSA02J-223X	MG R	22kΩ 1/10W J	
R8683-86	NRSA02J-223X	MG R	22kΩ 1/10W J	
R8691-94	NRSA02J-221X	MG R	220Ω 1/10W J	
R8695-96	NRSAO2J-823X	MG R	82kΩ 1/10W J	
R8801-03	NRSA02J-820X	MG R	82Ω 1/10W J	
	NRSA02J-823X	MG R	82kΩ 1/10W J	
R8804-05				

Δ	Symbol No.	Part No.	Part Name	Description Local
	RESI	STOR		
	R8809-10	NRSA02J-823X	MG R	82kΩ 1/10W J *
	R8811-14	NRSA02J-102X	MG R	1kΩ 1/10W J *
	R8818	NRSA02J-102X	MG R	1kΩ 1/10W J *
	R8819	NRSA02J-223X	MG R	22kΩ 1/10W J *
	R8820	NRSA02J-183X	MG R	18kΩ 1/10W J *
	R8821-22	NRSA02J-152X	MG R	1.5kΩ 1/10W J *
	R8823-24	NRSA02J-182X	MG R	1.8kΩ 1/10W J * 18kΩ 1/10W J *
	R8825	NRSA02J-183X	MG R	24/100 2/247
	R8826	NRSA02J-273X	MG R MG R	27kΩ 1/10W J * 18kΩ 1/10W J *
	R8827 R8828	NRSA02J-183X NRSA02J-562X	MG R	5.6kΩ 1/10W J *
	R8829	NRSA02J-103X	MG R	10kΩ 1/10W J *
	R8831	NRSA02J-821X	MG R	820Ω 1/10W J *
	R8832-33	NRSA02J-182X	MG R	1.8kΩ 1/10W J *
	R8835	NRSA02J-273X	MG R	27kΩ 1/10W J *
	R8836	NRSA02J-223X	NG R	22kΩ 1/10W J *
	R8837	NRSA02J-222X	MG R	2.2kΩ 1/10W J * 826Ω 1/10W J *
	R8841	NRSA02J-821X	MG R	
	R8842-43	NRSA02J-182X	MG R	1.8kΩ 1/10V J * 5.6kΩ 1/10V J *
	R8847	NRSA02J-562X	MG R MG R	5.6KΩ 1/10W J +
	R8848 D8851	NRSA02J-101X NRSA02J-562X	MG R	5.6kΩ 1/10W J *
	R8851 R8852	NRSA02J-223X	MG R	22kΩ 1/10W J *
	1,0032	HV NUA T T T T T T	IN R	32.00
	CAPA	CITOR		
	C8001	QETN1HM-475Z	E CAP.	4.7μF 50V M *
	C8003	QETN1CM-107Z	E CAP.	100µF 16V M + 10µF 50V M +
	C8004	QETN1HM-106Z	E CAP.	10µF 50V M * 0.01µF 50V K *
	C8005	NCB21HK-103X	C CAP.	10 uF 50V M *
	C8006	QETN1HM-106Z QETN1CM-476Z	E CAP. E CAP.	47µF 16V M *
	C8007-08 C8101-03	NCB21HK-103X	C CAP.	0.01 HF 50V K *
	C8104	NCB21HK-222X	C CAP.	2200pF 50V K *
	C8105	QETN1CM-107Z	E CAP.	100µF 16V M- *
	C8106	NCB21HK-222X	C CAP.	2200pF 50V K *
	C8107	NCB21HK-103X	C CAP.	0.01µF 50V K *
	C8108	NDC21HJ-101X	C CAP.	100pF 50V J *
	C8109-10	QFV71HJ-224Z	MF CAP.	0.22pF 50V J *
	C8112	NCB21HK-222X	C CAP.	2200pF 50V K *
	C8113	QETN1CM-476Z	E CAP.	47µF 16V M *
	C8114	QETN1HM-474Z	E CAP.	0.47 pa 507 11
	C8115	NCB21HK-103X	C CAP.	0.01pF 50V K * 100uF 16V M *
	C8116	QETN1CM-107Z	E CAP. E CAP.	100µF 16V M * 10µF SOV M *
	C8117	QETN1HM-106Z QFV71HJ-474Z	MF CAP.	0.47 uF 50V J *
	C8118 C8201	QETN1CM-107Z	E CAP.	100pF 16V M *
	C8211	QETN1HM-106Z	E CAP.	10µF 50V M *
	C8212	NDC21HJ -330X	C CAP.	33pF 50V J *
	C8216	QETN1CM-476Z	E CAP.	47µF 16V M *
	C8303	NCB21HK-103X	C CAP.	0.01µF 50V K *
	C8306	NDC21HJ-680X	C CAP.	68pF 50V J *
	C8307	NDC21HJ-271X	C CAP.	270pF 50V J * 0.01uF 50V K *
	C8308	NCB21HK-103X	C CAP.	v
	C8371	NCB21HK-103X	C CAP.	0.01 μF 50V K * 0.01 μF 50V K *
	C8375	NCB21HK-103X	C CAP. E CAP.	100µF 16V M *
	C8601 C8602	QETN1CM-107Z NCB21HK-103X	C CAP.	0.01µF 50V K *
	C8603	QETN1CM-476Z	E CAP.	47µF 16V M *
	C8604	NCB21HK-104X	CHIP CAP.	0.1µF 50V K *
	C8605	QENC1HM-475Z	BP E CAP.	4.7µF 50V M *
	C8606	QENC1HM-105Z	BP E CAP.	1µF 50V M *
	C8607	QETN1HM-225Z	E CAP.	2.2pF 50V M *
	C8608	NCB21HK-473X	C CAP.	0.047µF 50V K *
	C8609	QETN1HM-474Z	E CAP.	0.47pF 50V M *
	C8610-11	NCB21HK-104X	CHIP CAP.	0.1µF 50V K *
	C8612	QETN1HM-105Z	E CAP.	1µF 50V M * 3.3uF 16V K
	C8613 C8614	QBTC1CK-335Z QBTC1CK-106Z	TAN.CAP. TAN.CAP.	3.3µF 16V K 10µF 16V K
	C8615-16	QETN1HM-105Z	E CAP.	1µF 50V M +
	20212 10	422 2006		

Δ	Symbol No.	Part No.	Part Name	Descriptio	on Local
	CAPA	CITOR			
	C8617 C8618 C8619 C8620 C8621 C8622 C8623 C8624	QETN1HM-475Z QETN1HM-105Z NCB21HK-273X QETN1HM-225Z NCB21HK-222X NCB21HK-104X QETN1HM-225Z NCB21HK-222X	E CAP. E CAP. C CAP.	4.7µF 50V 1µF 50V 0.027µF 50V 2.2µF 50V 2200pF 50V 0.1µF 50V 2.2µF 50V 2200pF 50V	M
	C8625 C8628 C8661-62 C8664 C8691-92 C8811-14 C8821-27 C8828	NCB21HK-104X QETN1HM-105Z QENC1HM-105Z QETN1CH-476Z QETN1HM-474Z QETN1HM-105Z QETN1HM-106Z QETN1CM-476Z	CHIP CAP. E CAP. E CAP. E CAP. E CAP. E CAP. II CAP. E CAP. E CAP.	0.1µF 50V 1µF 50V 1µF 50V 47µF 16V 0.47µF 50V 1µF 50V 10µF 50V 47µF 16V	K * M * M * M * M * M * M * M * M * M *
	C8829 C8831 C8832 C8833 C8835-36 C8841 C8842 C8843	QENC1EM-106Z QETM1CM-476Z NCB21HK-103X QETN1HM-106Z QETN1CM-476Z QETM1CM-476Z NCB21HK-103X QETN1HM-106Z	BP E CAP. E CAP. C CAP. E CAP. E CAP. E CAP. C CAP. E CAP. C CAP.	10 μF 25V 47 μF 16V 0.01 μF 50V 10 μF 50V 47 μF 16V 47 μF 16V 0.01 μF 50V	M * K * M * M * M * M * M * M * M * M *
	C8845 C8846	QETN1CM-476Z NCB21HK-103X	E CAP. C CAP.	47µF 16V 0.01µF 50V	M * K *
	COIL	•			
	L8003 L8101 L8103 L8104 L8106 L8211 L8302 L8801-02	QQL03BJ-150Z QQL2014-R22 CE42452-003 QQL03BJ-180Z QQL03BJ-5R6Z QQL03BJ-220Z QQL03BJ-150Z QQL03BJ-5R6Z	COIL PEAKING COIL COIL COIL COIL COIL COIL COIL	0.22	# # # # # # # # # #
-	DIOD	E			
	D8693-94 D8703 D8811-22	MTZJ9.1C-T2 MTZJ5.6B-T2 MTZJ9.1C-T2	ZEMER DIODE ZEMER DIODE ZEMER DIODE		*
_	TRAN	ISISTO	R		
	Q8101 Q8102 Q8201 Q8211 Q8212 Q8271 Q8302 Q8304-05	2SC5083/L-P/-T 2SA1037AK/QR/-X 2SC2412K/QR/-X 2SC2412K/QR/-X 2SA1037AK/QR/-X 2SC2412K/QR/-X 2SC2412K/QR/-X 2SC2412K/QR/-X	SI.TRANSISTOR		* * * * * *
	Q8371 Q8671-72 Q8683-86 Q8801-02 Q8803 Q8804-07 Q8851-52	2SC2412K/QR/-X DTC124EKA-X 2SC2412K/QR/-X 2SC2412K/QR/-X 2SA1037AK/QR/-X 2SC2412K/QR/-X DTC124EKA-X	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		* * * *
-	IC				
	IC8001 IC8101 IC8601 IC8661 IC8671 IC8801-02 IC8803	KIA78L05BP-T LA7583 UPC1851BCU BA15218N TC4066BP BA7644AN TC4066BP	I.C. (MONO-ANA) I.C. (MONO-ANA) I.C. I.C. (MONO-ANA) I.C. (DIGI-MOS) I.C. (DIGI-MOS) I.C. (MONO-ANA) I.C. (DIGI-MOS)		* * * * *

Δ	Symbol No.	Part No.	Part Name	Description	Loca
	ОТН	RS			
	CF8102	FCR5.71M2SF3	CER.RESONATOR		
	CF8103	QAX0339-001	CERAMIC FILTER		
	CM8201	CE42599-001	COMB FILTER		4
	CN8001	CHB303W-35P-J	PLUG		
	DL8201	CE42464-001	BPF&DL MODULE		1
	18801	ONZ0117-001	PIN JACK		1
	J8802	QNN0182-001	PIN JACK		
	J8803	QNN0181-001	PIN JACK		
	J8804	ONSO001-001	JACK		
	SF8101	0AX0483-001	SAW FILTER		
٨	TU8001	ÔAU0071-001	TUNER		
_	W8071-72	NRSA02J-OROX	MG R	0.0Ω 1/10W J	:
	W8096	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	W8102-03	NRSA02J-OROX	MG R	0.0Ω 1/10W J	:
	W8108	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	W8169	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	W8189-90	NRSA02J-OROX	MG R	0.0Ω 1/10W J	1
	W8193	NRSA02J-OROX	MG R	0.0Ω 1/10W J	1

PIP P.W. BOARD ASS'Y (SGV0P001A-M2)

7	Symbol No.	Part No.	Part Name	Description	Loca
	RESI	STOR			
	R0101	NRSA02J-183X	MG R	18kΩ 1/10W J	
	R0102	WRSA02J-123X	MG R	12kΩ 1/10W J	- 1
	R0103	NRSA02J-102X	MG R	1kΩ 1/10W J	4
	R0104	NRSA02J-222X	MG R	2.2kΩ 1/10W J	1
	R0105	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
	R0106	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
	R0107	NRSA02J-472X	MG R	4.7kΩ 1/10W J	,
	R0108	MRSAOZJ-334X	MG R	330kΩ 1/10W J	
	R0109	MRSA02J-561X	MG R	560Ω 1/10W J	,
	R0110	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	R0120	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
	R0141	NRSAO2J-752X	MG R	7.5kΩ 1/10W J	,
	R0142	NRSA02J-103X	MG R	10kΩ 1/10W J	
	R0147-48	NRSA02J-472X	MG R	4.7kΩ 1/10W J	1
	R0150	NRSA02J-472X	MG R	4.7kΩ 1/10W J	1
				1.5kΩ 1/10W J	,
	R0151-55	NRSAO2J-152X	MG R	1.5K1/ 1/10W J	
	R0156	NRSA02J-332X	MG R	3.3kΩ 1/10W J	,
	R0157	NRSA02J-OROX	MG R	0.0Ω 1/10W J	1
	R0158	NRSA02J-152X	MG R	1.5kΩ 1/10W J	1
	R0159	NRSA02J-681X	MG R	680Ω 1/10W J	1
	R0160	NRSA02J-222X	MG R	2.2kΩ 1/10W J	
	R0161	QRG01GJ-390	OM R	39Ω 1W J	- 1
	R0201	NRSA02J-122X	MG R	1.2kΩ 1/10W J	1
	R0202	NRSA02J-101X	MG R	100Ω 1/10W J	1
	R0203	NRSA02J-10SX	MG R	1MΩ 1/10W J	:
	R0204	NRSA02J-332X	MG R	3.3kΩ 1/10W J	1
	R0205	NRSA02J-103X	MG R	10kΩ 1/10W J	1
	R0206	NRSA02J-471X	MG R	470Ω 1/10W J	1
	R0207	NRSA02J-153X	MG R	15kΩ 1/10W J	1
	R0208	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
	R0209	NRSA02J-101X	MG R	100Ω 1/10W J	1
	R0210	NRSA02J-105X	MG R	1MΩ 1/10W J	
	R0211	NRSA02J-152X	MG R	1.5kΩ 1/10W J	1
	R0212	NRSA02J-103X	MG R	10kΩ 1/10W J	,
	R0213-14	NRSA02J-183X	MG R	18kΩ 1/10W J	1
	R0215	NRSA02J-222X	MG R	2.2kΩ 1/10W J	,
	R0216	NRSAOZJ - 101X	MG R	100Ω 1/10W J	1
	R0218	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	R0219-20		MG R	180Ω 1/10W J	1
	NV213-20	NRSAO2J-181X	FIU TA	T00% 1\10M]	•

G					
	RESI	STOR			
DA	229-38	NRSA02J-123X	MG R	12kΩ 1/10W J	
			MG R	1kΩ 1/10W J	
	241-43	WRSA02J-102X			
	301	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
	302	NRSA02J-561X	MG R	560Ω 1/10W J	
RO.	303	NRSA02J-391X	MG R	390Ω 1/10W J	
R0:	304	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
R0:	305	NRSA02J-123X	MG R	12kΩ 1/10W J	
	306	MRSA02J-682X	MG R	6.8kΩ 1/10W J	
R0.	307	NRSA02J-683X	MG R	68kΩ 1/10W J	
RO	308	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
	309	NRSA02J-681X	MG R	680Ω 1/10W J	
	311	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
	312	NRSA02J-332X	MG R	3.3kΩ 1/10W J	
	313		MG R	1kΩ 1/10W J	
		NRSA02J-102X			
	314 315	NRSA02J-152X NRSA02J-102X	MG R MG R	1.5kΩ 1/10W J 1kΩ 1/10W J	
				1 510 1/104	
	316	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
	317	NRSA02J-101X	MG R	100Ω 1/10W J	
R03	318-20	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R03	321	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
	322	NRSA02J-122X	MG R	1.2kΩ 1/10W J	
	323	NRSA02J-391X	NG R	390Ω 1/10W J	
	324	NRSA02J-331X	MG R	330Ω 1/10W J	
	325	NRSA02J-122X	NG R	1.2kΩ 1/10W J	
				4.7kΩ 1/10W J	
	326	NRSA02J-472X	MG R		
	331	NRSA02J-183X	MG R	18kΩ 1/10W J	
		NRSA02J-183X	MG R	18kΩ 1/10W J	
	335-36	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
R04	401	QRJ146J-150X	CR	15Ω 1/4W J	
	402	NRSA02J-273X	MG R	27kΩ 1/10W J	
	403	NRSA02J-393X	MG R	39kΩ 1/10W J	
	404	NRSA02J-392X	MG R	3.9kΩ 1/10W J	
R0/	405	NRSA02J-680X	MG R	68Ω 1/10W J	
	406	NRSA02J-102X	MG R	1kΩ 1/10W J	
	407	NRSA02J-221X	NG R	220Ω 1/10W J	
			MG R	27kΩ 1/10W J	
	408	NRSA02J-273X			
	409	NRSA02J-393X	MG R	39kΩ 1/10W J	
	410	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R04 R04	411-12 413	NRSAO2J-123X NRSAO2J-333X	NG R NG R	12kΩ 1/10W J 33kΩ 1/10W J	
R04		NRSA02J-153X	MG R	15kΩ 1/10W J	
R04	415	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R04	416	NRSA02J-333X	MG R	33kΩ 1/10W J	
R04		NRSA02J-153X	MG R	15kΩ 1/10W J	
R04		NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R04		NRSA02J-333X	MG R	33kΩ 1/10W J	
R04			MG R	15kΩ 1/10W J	
R04	4/1	NRSA02J-472X	MG R	4.7kΩ 1/10W J	
R04	422	NRSA02J-151X	MG R	150Ω 1/10W J	
C	APA	CITOR	· · · · · · · · · · · · · · · · · · ·		
C01		QENC1EM-106Z	BP E CAP.	10µF 25V M	
C01	102	NDC21HJ-150X	€ CAP.	15pF 50V J	
C01		NDC21HJ-101X	C CAP.	100pF 50V J	
C01		NCB21HK-103X	C CAP.	0.01µF 50V K	
C01		OETNIHM-106Z	E CAP.	10μF 50V M	
C01		QETNIHM-105Z	E CAP.	1µF 50V M	
		NDC21HJ-561X		560pF 50V J	
C01			C CAP.		
C01	121	QETN1HM-225Z	E CAP.	2.2µF 50V M	
C01		NCB21HK-103X	C CAP.	0.01µF 50V K	
C01	123	NCB21HK-152X	C CAP.	1500pF 50V K	
C01		OETN1CM-476Z	E CAP.	47μF 16V M	
C01		NCB21HK-103X	C CAP.	0.01µF 50V K	
C01		NCB21HK-104X	CHIP CAP.	0.1µF 50V K	
		NDC21HJ-220X	C CAP.	22pF 50V J	
C01					
C01		NDC21KJ-150X	C CAP.		
	145	NCB21HK-103X	C CAP.	0.01µF 50V K	
C01				47µF 16V M	

△ Symbol No. Part No. Part Name Description Local

Δ	Symbol No.	Part No.	Part Name	Desc	ription	Local
	CAPA C0145 C0146 C0149 C0150 C0162 C0163 C0164	NCB21HK-103X QETN1HM-105Z NDC21HJ-101X NDC21HJ-470X NCB21HK-103X QETN1CM-476Z NCB21HK-103X	C CAP. E CAP. C CAP. C CAP. C CAP. E CAP. C CAP.	0.01µF 1µF 100pF 47pF 0.01µF 47µF 0.01µF	50V K 50V M 50V J 50V J 50V K 16V M 50V K	* * * * * *
	C0165 C0166 C0167 C0171-89 C0201 C0202 C0203 C0204-05 C0206	QETN1CM-476Z NCB21HK-103X QETN1CM-476Z NCB21HK-103X QETN1CM-476Z NCB21HK-103X QETN1CM-476Z NCB21HK-103X QETN1CM-476Z NCB21HK-103X QETN1CM-476Z	E CAP. C CAP. E CAP. C CAP. E CAP. E CAP. E CAP. C CAP. E CAP. E CAP. E CAP.	47µF 0.01µF 47µF 0.01µF 47µF 0.01µF 47µF 0.01µF	50V K 16V M 50V K 16V M 50V K 16V M 50V K 16V M	* * * * * * * *
	C0207-08 C0209-11 C0212 C0213 C0214 C0215 C0216 C0217	QETN1HM-106Z QENC1HM-475Z QETN1HM-225Z NCB21HK-103X QETN1HM-225Z NCB21HK-103X NDC21HJ-102X QETN1HM-106Z	E CAP. BP E CAP. E CAP. C CAP. E CAP. C CAP. C CAP. E CAP. E CAP.	10µF 4.7µF 2.2µF 0.01µF 2.2µF 0.01µF 1000pF 10µF	50V M 50V M 50V M 50V K 50V M 50V K 50V J 50V M	* * * * * *
	C0218 C0222-25 C0226 C0227 C0236-40 C0241-51 C0252-60 C0261-62	QETNICM-476Z MDC21HJ-470X QETNIHM-105Z MCB21HK-103X QETNIHM-475Z MDC21HJ-101X NDC21HJ-471X NDC21HJ-681X	E CAP. C CAP. E CAP. C CAP. C CAP. C CAP. C CAP. C CAP. C CAP.	47µF 47pF 1µF 0.01µF 4.7µF 100pF 470pF 680pF	16V M 50V J 50V M 50V K 50V M 50V J 50V J 50V J	* * * * * *
	C0263 C0270-78 C0302 C0304 C0305 C0308 C0310 C0312	NDC21HJ-101X NCB21HK-103X QETN1CM-476Z QENC1HM-475Z QETN1HM-476Z QETN1HM-475Z NCB21HK-103X QETN1HM-475Z	C CAP. C CAP. E CAP. BP E CAP. E CAP. E CAP. C CAP. C CAP.	100 pF 0.01 μF 47 μF 4.7 μF 4.7 μF 0.01 μF 4.7 μF	50V J 50V K 16V M 50V M 16V M 50V M 50V M	* * * * *
	C0331 C0332-33 C0334 C0401 C0402 C0404-06 C0407 C0408-10	NCB21HK-103X QETN1HM-475Z QETN1CM-476Z QETN1CM-107Z NDC21HJ-820X QETN1HM-475Z QETN1CM-476Z QETN1HM-106Z	C CAP. E CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	0.01 µF 4.7 µF 47 µF 100 µF 82 pF 4.7 µF 47 µF	50V K 50V M 16V M 16V M 50V J 50V M 16V M 50V M	* * * * * * * * *
_	COIL					
	L0101 L0103 L0106 L0107	QQL03BJ-100Z QQL03BJ-150Z QQL03BJ-820Z QQL03BJ-150Z	COIL COIL COIL		10µH J 15µH J 82µH J 15µH J	* * *
_	DIO	E				
	D0201 D0402-03	155133-T2 155133-T2	SI.DIODE SI.DIODE			*
_	TRAN	ISISTO	R			
	Q0101-05 Q0106 Q0201 Q0301-09 Q0401 Q0402 Q0403-09	2SC2412K/QR/-X 2SA1037AK/QR/-X 2SA1037AK/QR/-X 2SC2412K/QR/-X 2SC2412K/QR/-X 2SA1037AK/QR/-X 2SC2412K/QR/-X	SI. TRANSISTOR			* * * * * * * *

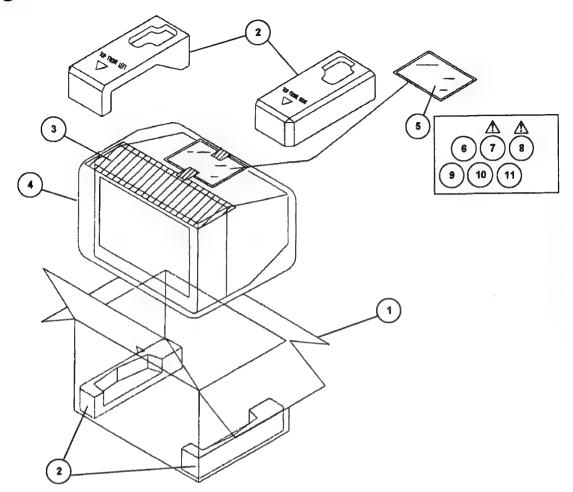
on Loca	Description	Part Name	Part No.	Symbol No.
				IC
•		I.C. (MONO-ANA)	LA7403	IC0101
		I.C. (MONO-ANA)	KIA7809PI	IC0102
		I.C. (MONO-ANA)	KIA7805PI	IC0103
		I.C. (DIGI-MOS)	LC74411N	IC0201
	1	I.C. (MONO-ANA)	MN1381/0/-T	IC0202
		I.C. (MONO-ANA)	BA7655AF-X	IC0301
•		I.C. (MONO-ANA)	AN5860	IC0401
			ERS	ОТНЕ
		SHIELD COVER	CM36337-A01-H	
] 1	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0001
j :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0006-07
} :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0011
] :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0014-20
j :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0022-30
j i		MG R	NRSA02J -OROX	W0033-41
j :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0044-53
] :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0061-68
] :	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0070-73
j	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0075-77
j		MG R	NRSA02J-OROX	W0079-81
) :		MG R	NRSA02J - OROX	W0083-88
j		MG R	NRSA02J-OROX	W0009
j		MG R	NRSA02J-OROX	W0100-05
J	0.0Ω 1/10W J	MG R	NRSA02J -OROX	W0107-14
j :	0.0Ω 1/10₩ J	MG R	NRSA02J-OROX	W0115
J		MG R	NRSA02J-OROX	W0132-33
J	0.0Ω 1/10₩ J	MG R	NRSA02J-OROX	W0135-36
J	0.0Ω 1/10W J	MG R	NRSA02J-OROX	W0141
		CER.RESONATOR	CSB503F30-T2	X0101
		CRYSTAL	CE41651-001Z	X0102

No. 51392 41

REMOTE CONTROL UNIT PARTS LIST (RM-C755-1C)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	2AA015250	BATTERY COVER		*

PACKING



PACKING PARTS LIST

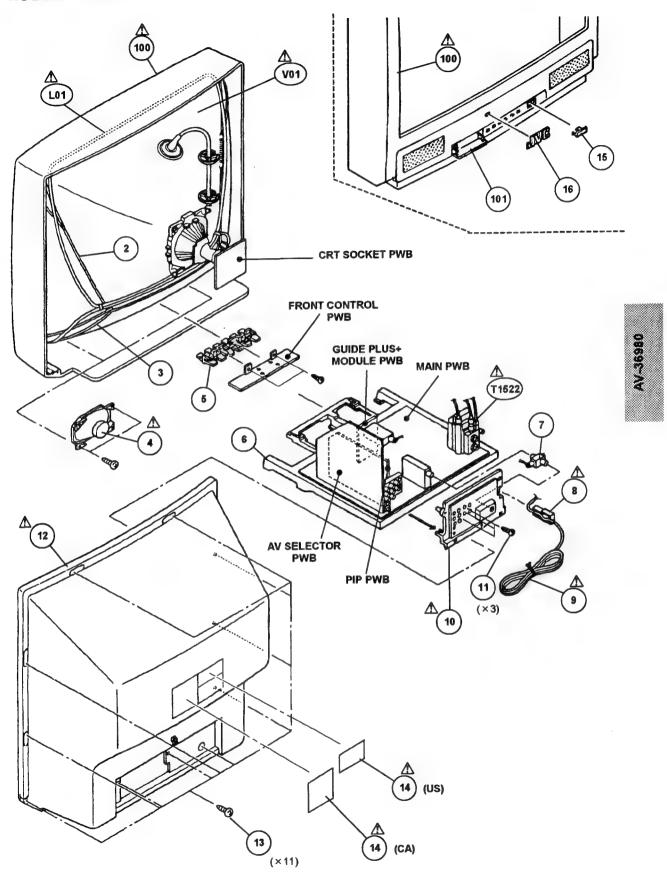
Δ	Ref.No.	Part No.	Part Name	Description	Local
[Ar	nerica Model				
	1	CP11499-019-A	PACKING CASE		*
	2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
	3	CP30055-A02-A	TOP COVER		
	4	CP30056-004-A	POLY BAG		
	5	QPGA025-03505A	POLY BAG		*
	6	RM-C755-1C	REMOCON UNIT		*
Δ	7	LCT0139-001A-A	INST BOOK	(ENGLISH)	*
	9	BT-51006-1Q	REGISTER CARD		*
	nada Model				
	1	CP11499-019-A	PACKING CASE		*
	2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
	3	CP30055-A02-A	TOP COVER		*
	Δ	CP30056-004-A	POLY BAG		*
	Ś	OPGA025-03505A	POLY BAG		*
	6	RM-C755-1C	REMOCOM UNIT		*
Δ	7	LCT0139-001A-A	INST BOOK	(ENGLISH)	*
$\overline{\mathbf{A}}$	8	LCT0140-001A-A	INST BOOK	(FRENCH)	*
	10	BT-52002-1Q	WARRANTY CARD		*
	11	BT-20071B-Q	SVC CENTER LIST		*

AV-36980 (US&CA)

EXPLODED VIEW PARTS LIST

Δ	Ref.No.	Part No.	Part Name	Description	Local
$\overline{\Delta}$	L01	CELD067-001JA	DEGAUSSING COIL		*
Δ	V01	A90AEJ15X01	ITC TUBE(C)	(Inc.DY)	*
Δ	T1522	QQH0032-001	FBT	(Within MAIN PWB)	*
	2	CHGB0027-0A	BRAIDED ASSY		*
	3	CHGB0016-0C	BRAIDED SUB WIRE	(×2)	*
Δ	4	CEBSS12D-02J2	SPEAKER	(×2)SP01,SP02	*
	5	CM35776-B01-H	PUSH KNOB		*
	6	CM12689-B01-VA	CHASSIS BASE		*
	7	CEGA008-001	ANT.SPLITTER		*
Δ	8	CM48140-A03-A	CORD CLAMP		*
Δ	9	QMPD070-200-JC	POWER CORD	(SERVICE)	
Δ	10	LC20087-001B-A	TERMINAL BOARD		*
	11	SBSB3010Z	TAPPING SCREW	(×3)	*
Δ	12	CM12634-D02-MA	REAR COVER		*
	13	GB5B4016Z	TAPPING SCREW	(×11)	*
Δ	14	CM22999-001-A	RATING LABEL	(CA)	*
Δ	14	CH23034-001-A	RATING LABEL	(US)	*
	15	CM35983-001-H	REMOCON WINDOW		*
	16	CM46084-A01	BRAND MARK		
Δ	100	CM12747-00L-MA	F.CABINET ASSY	Inc.No.101	*
	101	CM36162-010-A	DOOR		

EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGV-1008A-M2)

Symbol No.		Part Name	Description	FACRE		Symbol No.	Part No.	_
VARI	ABLE	RESISTOR					STOR	
R1579 R1581	QVP0067-203Z QVP0067-502Z	V R (SIDEPIN CORRECT) V R (H. WIDTH)	20kΩ 5kΩ	*		R1429 R1430 R1501	NRSA02J-223X NRSA02J-102X NRSA02J-361X	
RESI	STOR					R1502 R1504	NRSA02J-182X NRSA02J-OROX	
R1001	QRJ146J-5R6X	C R	5.6Ω 1/4W J	. 1		R1505	NRSA02j-822X	
R1003-04	NRSA02J-OROX	MG R	0.0Ω 1/10W J			R1506 R1507	NRSA02J-222X NRSA02J-563X	
R1005	NRSA02J-102X	MG R	1kΩ 1/10W J	:				
R1101 R1102	NRSA02J-820X NRSA02J-562X	MG R MG R	82Ω 1/10W J 5.6kΩ 1/10W J	:		R1511	NRSA02J-391X	
R1103	NRSA02J-182X	MG R	1.8kΩ 1/10W J	*		R1521 R1522	NRSA02J-391X NRSA02J-271X	
R1104	QRE121J-331Y	C R MG R	330Ω 1/2W J 10Ω 1/10W J	*		R1523	QRE121J-103Y	
R1105	NRSA02J-100X	TIG IK	1022 1/10# 3			R1524-25 R1531	QRG029J-152 QRE121J-220Y	
R1106	NRSA02J-390X	MG R	39Ω 1/10W J 100Ω 1/10W J	*		R1532	QRE121J-681Y	
R1108 R1110	NRSA02J-101X QRL029J-330	MG R OM R	100Ω 1/10W J 33Ω 2W J			R1533	QRL039J-103	
R1131	NRSA02J-181X	MG R	180Ω 1/10W J	*	Δ	R1541	QRK129J-150	
R1132-33 R1134	NRSA02J-101X NRSA02J-152X	MG R MG R	100Ω 1/10₩ J 1.5kΩ 1/10₩ J	:		R1542	QRX016J-1R2	
R1135	NRSA02J-132X	MG R	330Ω 1/10W J			R1544 R1545	QRK129J-4R7 QRE121J-822Y	
R1136	NRSA02J-102X	MG R	1kΩ 1/10W J	*		R1547-48	QRE121J-154Y	
R1137	NRSA02J-561X	MG R	560Ω 1/10W J	*	A	R1553 R1556	NRSA02J-273X QRA14CF-7501Y	
R1139	NRSA02J-681X	MG R	680Ω 1/10W J 1kΩ 1/10W J	*		R1557	QRA14CF-2671Y	
R1161-62 R1163	NRSA02J-102X NRSA02J-332X	MG R MG R	1kΩ 1/10W J 3.3kΩ 1/10W J			R1558	NRSA02J-333X	
R1164	NRSA02J-472X	MG R	4.7kΩ 1/10W J			R1559	NRSA02J-333X	
R1201	NRSA02J-OROX	MG R MG R	0.0Ω 1/10W J 150kΩ 1/10W J	:		R1560	NRSA02J-273X	
R1202 R1203	NRSAO2J -154X NRSAO2J -392X	MG R	3.9kΩ 1/10W J			R1561 R1572	NRSA02J-103X NRSA02J-683X	
		MG R	1kΩ 1/10W J			R1573	NRSA02J-153X	
R1204 R1205	NRSA02J -102X NRSA02J -562X	MG R	5.6kΩ 1/10W J			R1574	NRSA02J-184X	
R1206	NRSA02J-332X	MG R	3.3kΩ 1/10W J			R1575	MRSA02J-274X	
R1207 R1208	NRSA02J-152X NRSA02J-102X	MG R MG R	1.5kΩ 1/10W J 1kΩ 1/10W J	:		R1576	NRSA02J-123X	
R1209	NRSA02J-272X	MG R	2.7kΩ 1/10W J	*		R1577 R1578	NRSA02J-102X NRSA02J-473X	
R1210	NRSA02J-821X	MG R	820Ω 1/10W J 68kΩ 1/10W J	*		R1580	NRSA02J-103X	
R1211	NRSA02J-683X	rit K	ODK\$2 1/10# 3			R1582 R1583	NRSA02J-104X NRSA02J-182X	
R1212	NRSA02J-224X	MG R	220kΩ 1/10W J 6.8kΩ 1/10W J			R1584	NRSA02J-152X	
R1213 R1214	NRSAO2J-682X NRSAO2J-182X	MG R MG R	6.8kΩ 1/10W J 1.8kΩ 1/10W J			R1585	NRSA02J-472X	
R1215	NRSA02J-471X	MG R	470Ω 1/10W J			R1586	QRE121J-472Y	
R1216 R1217	NRSA02J -681X NRSA02J -272X	MG R MG R	680Ω 1/10W J 2.7kΩ 1/10W J	*		R1587	NRSA02J-562X	
R1218	NRSA02J-272X	MG R	10kΩ 1/10W J			R1588 R1601	QRL039J-100 NRSA02J-562X	
R1221	NRSA02J-221X	MG R	220Ω 1/10W J	*		R1602	MRSA02J-221X	
R1222	NRSA02J-272X	MG R	2.7kΩ 1/10W J			R1603 R1604	NRSA02J-S62X NRSA02J-221X	
R1223	QRE121J-391Y	C R	390Ω 1/2W J	:		R1605	QRT039J-2R2	
R1225 R1231	NRSAO2J-681X NRSAO2J-472X	MG R MG R	680Ω 1/10W J 4.7kΩ 1/10W J	*				
R1232	NR5A02J-392X	MG R	3.9kΩ 1/10W J	*		R1606-07 R1611	NRSA02J-223X NRSA02J-333X	
R1233 R1236	NRSA02J-182X	MG R MG R	1.8kΩ 1/10W J 470Ω 1/10W J	*		R1612	NRSA02J-223X	
R1237	NRSA02J-471X NRSA02J-392X	MG R	3.9kΩ 1/10W J			R1613 R1614	NRSA02J-473X NRSA02J-0R0X	
						R1615-16	NRSA02J-DROX	
R1238 R1239	NRSA02J - 471X NRSA02J - 332X	MG R MG R	470Ω 1/10W J 3.3kΩ 1/10W J	*		R1701	NRSA02J-102X	
R1301	NRSA02J-393X	MG R	39kΩ 1/10W J	*		R1703	NRSA02J-823X	
R1302	NRSA02J-183X	MG R MG R	18kΩ 1/10W J 100Ω 1/10W J	:		R1704	NRSA02J-104X	
R1303-04 R1305	NRSA02J-101X NRSA02J-562X	MG R	5.6kΩ 1/10W J			R1705 R1706	NRSA02J-103X NRSA02J-0R0X	
R1421	NRSA02J-472X	MG R	4.7kΩ 1/10W J	*		R1710	NRSAO2J-BROX	
R1422	QRE121J-391Y	C R	390Ω 1/2W J	*		R1713	NRSA02J-103X	
R1423	QRT029J-1R2	MF R	1.2Ω 2W J	*		R1714 R1716	NRSAO2J-222X NRSAO2J-222X	
R1424	QRE121J-102Y	C R	1kΩ 1/2W J	*		R1717	NRSA02J-471X	
R1425 R1427	NRSAOZJ -683X NRSAOZJ -392X	MG R MG R	68kΩ 1/10W J 3.9kΩ 1/10W J					
R1428	NRSA02J-393X	MG R	39kΩ 1/10W J			R1718	NRSA02J-222X	

RESISTOR R1429 NRSA021-223X MG R	Δ	Symbol No.	Part No.	Part Name	Description Loca	l
R1201 NRSA021-301X MG R		RESI	STOR			
R1502 NRSA021-182X MS R R 0.00 1/10V J = R1504 NRSA021-80X MS R 0.00 1/10V J = R1506 NRSA021-80X MS R		R1430	NRSA02J-102X	MG R	1kΩ 1/10W J	*
R1505 MRSA021-827X MG R		R1502	NRSA02J-182X	MG R	1.8kΩ 1/10W J	
R1507 NRSA021-563X MG R				MG R	8.2kΩ 1/10W J	
R1521 WRSA021-391X MG R 3900 1/10W J # R1572 WRSA021-77X MG R 2700 1/10W J # R1572 WRSA021-77X MG R 2700 1/10W J # R1572 WRSA021-120Y C R 1000 1/2W J # R1573 QRE1211-120Y C R 200 1/2W J # R1531 QRE1211-220Y C R 200 1/2W J # R1531 QRE1211-681Y C R 6800 1/2W J # R1533 QRE0391-103 OM R 1000 3W J # R1541 QRE1211-681Y C R 6800 1/2W J # R1544 QRE1211-184Y C R 1.70 1W J # R1545 QRE1211-154Y C R 8.2M 1/2W J # R1545 QRE1211-154Y C R 8.2M 1/2W J # R1553 WRSA021-273X MG R 2700 1/2W J # R1553 WRSA021-273X MG R 2700 1/2W J # R1556 QRA14CF-7501Y MF R 7.7.5M 1/4W F # R1559 WRSA021-123X MG R 33M0 1/10W J # R1559 WRSA021-123X MG R 33M0 1/10W J # R1559 WRSA021-123X MG R 1200 1/10W J # R1559 WRSA021-123X MG R 1200 1/10W J # R1557 WRSA021-123X MG R 1200 1/10W J # R1560 WRSA021-123X MG R 1200 1/10W J # R1577 WRSA021-123X MG R 1000 1/10W J # R1578 WRSA021-123X MG R 1000 1/10W J # R1579 WRSA021-123X MG R 1000 1/10W J # R1580 WRSA021-123						
R1522 WRSA02J-271X WG R R1524-25 QRE012J-103Y C R R1534-25 QRE012J-103Y C R R1534-25 QRE012J-150Y C R R15351 QRE12J-120V C R R15351 QRE12J-120V C R R15352 QRE12J-1661Y C R R1533 QRL039J-103 OM R R1541 QRK129J-150 C R R1542 QRX016J-1R2 MF R R1544 QRX129J-87 C R R1545 QRE012J-82Y C R R1545 QRE12J-82Y C R R1545 QRE12J-82Y C R R1545 QRE12J-82Y C R R1546 QRE12J-154Y C R R1547-48 QRE12J-154Y C R R1545 QRE12J-154Y C R R1556 QRA14CF-2671Y MF R R1556 QRA14CF-2671Y MF R R1558 NRSA02J-123X MG R R1559 NRSA02J-123X MG R R1550 NRSA02J-123X MG R R1557 NRSA02J-103X MG R R1558 NRSA02J-123X MG R R1557 NRSA02J-103X MG R R1557 NRSA02J-103X MG R R1574 NRSA02J-103X MG R R1576 NRSA02J-123X MG R R1576 NRSA02J-103X MG R R1577 NRSA02J-103X MG R R1578 NRSA02J-103X MG R R1588 NRSA02J-103X MG R R1589 NRSA02J-103X MG R R1580 NRSA02J-22X MG R R1580 NRSA02J-103X MG		R1511	NRSA02J-391X			
R1523						
R1524-25					21.004 0.01.	
R1532						
R1533 QRL039J-103 OM R						
R1542						
R1544 QRK129J -4877 C R	Δ					
R1545 QRE12IJ-822Y C R					21220 27	
R1547-48 QRE121J-154Y C R						
A R1556		R1547-48	QRE121J-154Y	CR	150kΩ 1/2W J	
### R1557						
R1559 NRSA02J-123X MG R						
R1560 NRSA021-273X MG R 27KΩ 1/10V J * R1561 HRSA021-103X MG R 10kΩ 1/10V J * R1573 NRSA021-683X MG R 68kΩ 1/10V J * R1573 NRSA021-184X MG R 15kΩ 1/10V J * R1574 HRSA021-184X MG R 180kΩ 1/10V J * R1575 HRSA021-123X MG R 270kΩ 1/10V J * R1576 NRSA021-123X MG R 12kΩ 1/10V J * R1577 NRSA021-123X MG R 12kΩ 1/10V J * R1578 NRSA021-102X MG R 1kΩ 1/10V J * R1578 NRSA021-103X MG R 10kΩ 1/10V J * R1578 NRSA021-103X MG R 10kΩ 1/10V J * R1580 NRSA021-103X MG R 10kΩ 1/10V J * R1581 NRSA021-104X MG R 10kΩ 1/10V J * R1582 NRSA021-104X MG R 100kΩ 1/10V J * R1583 HRSA021-15XX MG R 1.8kΩ 1/10V J * R1584 NRSA021-15XX MG R 1.8kΩ 1/10V J * R1585 NRSA021-472X MG R 1.8kΩ 1/10V J * R1586 QRE1211-472Y C R 4.7kΩ 1/10V J * R1588 QRL0391-100 MG R 1.5kΩ 1/10V J * R1588 QRL0391-100 MG R 5.6kΩ 1/10V J * R1588 QRL0391-100 MG R 5.6kΩ 1/10V J * R1588 QRL0391-100 MG R 5.6kΩ 1/10V J * R1601 NRSA021-221X MG R 5.6kΩ 1/10V J * R1602 NRSA021-221X MG R 220Ω 1/10V J * R1604 NRSA021-221X MG R 220Ω 1/10V J * R1605 QR70391-2R2 MG R 5.6kΩ 1/10V J * R1601 NRSA021-221X MG R 220Ω 1/10V J * R1604 NRSA021-221X MG R 220Ω 1/10V J * R1605 QR70391-2R2 MG R 5.6kΩ 1/10V J * R1601 NRSA021-221X MG R 220Ω 1/10V J * R1603 NRSA021-223X MG R 220Ω 1/10V J * R1604 NRSA021-221X MG R 220Ω 1/10V J * R1605 QR70391-2R2 MG R 220Ω 1/10V J * R1606 NRSA021-223X MG R 220Ω 1/10V J * R1607 NRSA021-223X MG R 220Ω 1/10V J * R1608 NRSA021-223X MG R 220Ω 1/10V J * R1609 NRSA021-223X MG R 220Ω 1/10V J * R1601 NRSA021-223X MG R 220Ω 1/10V J * R1602 NRSA021-223X MG R 220Ω 1/10V J * R1603 NRSA021-223X MG R 220Ω 1/10V J * R1604 NRSA021-223X MG R 220Ω 1/10V J * R1605 NRSA021-223X MG R 220Ω 1/10V J * R1606 NRSA021-223X MG R 220Ω 1/10V J * R1607 NRSA021-003X MG R 10kΩ 1/10V J * R1608 NRSA021-223X MG R 220Ω 1/10V J * R1609 NRSA021-223X MG R 220Ω 1/10V J * R1609 NRSA021-223X MG R 220Ω 1/10V J * R1609 NRSA02						
R1561 NRSA02J-103X MG R					2 2 1/46 X/ X0 H	
R1572 MR5A02J-683X MG R 15KΩ 1/10V J * R1573 MR5A02J-153X MG R 15kΩ 1/10V J * R1574 MR5A02J-184X MG R 180kΩ 1/10V J * R1575 MR5A02J-274X MG R 270kΩ 1/10V J * R1575 MR5A02J-274X MG R 270kΩ 1/10V J * R1576 MR5A02J-123X MG R 12kΩ 1/10V J * R1577 MR5A02J-102X MG R 1kΩ 1/10V J * R1578 MR5A02J-103X MG R 10kΩ 1/10V J * R1580 MR5A02J-473X MG R 10kΩ 1/10V J * R1581 MR5A02J-104X MG R 100kΩ 1/10V J * R1582 MR5A02J-104X MG R 100kΩ 1/10V J * R1584 MR5A02J-152X MG R 1.8kΩ 1/10V J * R1585 MR5A02J-152X MG R 1.8kΩ 1/10V J * R1586 QRE12IJ-472Y C R 4.7kΩ 1/10V J * R1586 QRE12IJ-472Y MG R 1.5kΩ 1/10V J * R1588 QR039J-100 OM R 1.0Ω 3N J * R1588 QR039J-100 OM R 2.0Ω 3N J * R1580 MR5A02J-562X MG R 5.6kΩ 1/10V J * R1580 MR5A02J-562X MG R 5.6kΩ 1/10V J * R1580 R1601 MR5A02J-221X MG R 2.20Ω 1/10V J * R1602 MR5A02J-221X MG R 2.20Ω 1/10V J * R1603 MR5A02J-221X MG R 2.20Ω 1/10V J * R1604 MRSA02J-221X MG R 2.20Ω 1/10V J * R1605 QR7039J-2R2 MF R 2.20Ω 1/10V J * R1606-07 MRSA02J-223X MG R 2.20Ω 1/10V J * R1611 MRSA02J-333X MG R 2.20Ω 1/10V J * R1612 MRSA02J-223X MG R 2.20Ω 1/10V J * R1613 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1614 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1615-16 MRSA02J-271X MG R 2.2kΩ 1/10V J * R1616 MRSA02J-223X MG R 2.2kΩ 1/10V J * R16170 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1618 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1619 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1610 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1611 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1612 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1613 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1614 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1615-16 MRSA02J-223X MG R 2.2kΩ 1/10V J * R16170 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1618 MRSA02J-223X MG R 2.2kΩ 1/10V J * R1701 MRS						
R1574					***************************************	
R1575						
R1577 MRSA02J-102X MG R					2001/88 21 204	
R1578 NRSA02J-473X MG R 47kΩ 1/10V J * R1580 NRSA02J-103X MG R 10kΩ 1/10V J * R1581 NRSA02J-104X MG R 100kΩ 1/10V J * R1582 NRSA02J-104X MG R 1.8kΩ 1/10V J * R1583 NRSA02J-125X MG R 1.8kΩ 1/10V J * R1584 NRSA02J-125X MG R 1.8kΩ 1/10V J * R1585 NRSA02J-472X MG R 1.8kΩ 1/10V J * R1586 QRE12IJ-472Y C R 4.7kΩ 1/10V J * R1587 NRSA02J-562X MG R 5.6kΩ 1/10V J * R1588 QR039J-100 OM R 10Ω 3V J * R1588 QR039J-100 OM R 10Ω 3V J * R1601 NRSA02J-562X MG R 5.6kΩ 1/10V J * R1602 NRSA02J-221X MG R 220Ω 1/10V J * R1603 NRSA02J-562X MG R 5.6kΩ 1/10V J * R1604 NRSA02J-221X MG R 220Ω 1/10V J * R1605 QRT039J-2R2 MF R 220Ω 1/10V J * R1605 QRT039J-2R2 MF R 2.2Ω 3V J * R1611 NRSA02J-333X MG R 22kΩ 1/10V J * R1612 NRSA02J-223X MG R 22kΩ 1/10V J * R1613 NRSA02J-223X MG R 22kΩ 1/10V J * R1614 NRSA02J-33X MG R 22kΩ 1/10V J * R1615 NRSA02J-223X MG R 22kΩ 1/10V J * R1616 NRSA02J-33X MG R 22kΩ 1/10V J * R1617 NRSA02J-33X MG R 22kΩ 1/10V J * R1618 NRSA02J-33X MG R 22kΩ 1/10V J * R1619 NRSA02J-33X MG R 22kΩ 1/10V J * R1610 NRSA02J-33X MG R 22kΩ 1/10V J * R1611 NRSA02J-33X MG R 22kΩ 1/10V J * R1612 NRSA02J-33X MG R 22kΩ 1/10V J * R1613 NRSA02J-33X MG R 22kΩ 1/10V J * R1614 NRSA02J-33X MG R 33kΩ 1/10V J * R1615 NRSA02J-33X MG R 30kΩ 1/10V J * R1701 NRSA02J-33X MG R 10kΩ 1/10V J * R1701 NRSA02J-33X MG R 2.2kΩ 1/10V J *					221.50 21.001	
R1580 NRSA02J-103X MG R 10kΩ 1/10W J * R1582 NRSA02J-104X MG R 100kΩ 1/10W J * R1583 NRSA02J-160X MG R 1.8kΩ 1/10W J * R1584 NRSA02J-152X MG R 1.8kΩ 1/10W J * R1585 NRSA02J-472X MG R 1.5kΩ 1/10W J * R1586 QRE121J-472Y C R 4.7kΩ 1/2W J * R1586 QRE121J-472Y C R 5.6kΩ 1/10W J * R1588 QRL039J-100 OM R 10Ω 3W J * R1588 QRL039J-100 OM R 10Ω 3W J * R1601 NRSA02J-562X MG R 5.6kΩ 1/10W J * R1602 NRSA02J-562X MG R 5.6kΩ 1/10W J * R1603 NRSA02J-562X MG R 220Ω 1/10W J * R1604 NRSA02J-221X MG R 220Ω 1/10W J * R1605 QRT039J-2R2 MF R 220Ω 1/10W J * R1606 OR NRSA02J-221X MG R 220Ω 1/10W J * R1601 NRSA02J-333X MG R 220Ω 1/10W J * R1601 NRSA02J-333X MG R 33kΩ 1/10W J * R1612 NRSA02J-223X MG R 22kΩ 1/10W J * R1613 NRSA02J-323X MG R 33kΩ 1/10W J * R1614 NRSA02J-323X MG R 33kΩ 1/10W J * R1615 NRSA02J-223X MG R 22kΩ 1/10W J * R1617 NRSA02J-323X MG R 32kΩ 1/10W J * R1618 NRSA02J-333X MG R 33kΩ 1/10W J * R1619 NRSA02J-333X MG R 33kΩ 1/10W J * R1610 NRSA02J-333X MG R 32kΩ 1/10W J * R1611 NRSA02J-333X MG R 32kΩ 1/10W J * R1612 NRSA02J-333X MG R 32kΩ 1/10W J * R1613 NRSA02J-333X MG R 32kΩ 1/10W J * R1614 NRSA02J-333X MG R 32kΩ 1/10W J * R1615 NRSA02J-333X MG R 32kΩ 1/10W J * R1616 NRSA02J-333X MG R 33kΩ 1/10W J * R1617 NRSA02J-333X MG R 33kΩ 1/10W J * R1701 NRSA02J-323X M						
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R1584 NRSA02J-157X MG R 1.5kΩ 1/10W J * R1585 NRSA02J-472X MG R 4.7kΩ 1/10W J * R1586 QRE12IJ-472Y C R 4.7kΩ 1/2W J * R1587 NRSA02J-567X MG R 5.6kΩ 1/10W J * R1588 QRL039J-100 OM R 10Ω 3W J * R1601 NRSA02J-562X MG R 2.0Ω 1/10W J * R1602 NRSA02J-221X MG R 2.20Ω 1/10W J * R1603 NRSA02J-221X MG R 2.20Ω 1/10W J * R1604 NRSA02J-562X MG R 5.6kΩ 1/10W J * R1604 NRSA02J-221X MG R 2.20Ω 1/10W J * R1605 QRT039J-2R2 MF R 2.2ΩΩ 3W J * R1601 NRSA02J-223X MG R 2.2kΩ 1/10W J * R1601 NRSA02J-223X MG R 2.2kΩ 1/10W J * R1601 NRSA02J-223X MG R 2.2kΩ 1/10W J * R1611 NRSA02J-333X MG R 33kΩ 1/10W J * R1612 NRSA02J-223X MG R 2.2kΩ 1/10W J * R1613 NRSA02J-223X MG R 2.2kΩ 1/10W J * R1614 NRSA02J-273X MG R 2.2kΩ 1/10W J * R1615-16 NRSA02J-271X MG R 2.2kΩ 1/10W J * R161701 NRSA02J-102X MG R 2.2kΩ 1/10W J * R1701 NRSA02J-102X MG R 2.2kΩ 1/10W J * R1701 NRSA02J-103X MG R 2.2kΩ 1/10W J * R1703 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1705 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1706 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1707 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1708 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1709 NRSA02J-103X MG R 1.0kΩ 1/10W J * R1710 NRSA02J-331X MG R 3.30Ω 1/10W J * R1711 NRSA02J-222X MG R 1.0kΩ 1/10W J * R1712 NRSA02J-222X MG R 1.0kΩ 1/10W J * R1713 NRSA02J-222X MG R 1.0kΩ 1/10W J * R1714 NRSA02J-222X MG R 1.0kΩ 1/10W J * R1716 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-222X MG R 2.2kΩ 1/10W J *		R1582				
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R1587 NRSA02J-567X MG R 5.6kΩ 1/10W J * R1588 QRL039J-100 OM R 10Ω 3W J * R1601 MRSA02J-567X MG R 5.6kΩ 1/10W J * R1602 NRSA02J-221X MG R 220Ω 1/10W J * R1603 NRSA02J-221X MG R 220Ω 1/10W J * R1604 MRSA02J-221X MG R 220Ω 1/10W J * R1605 QR7039J-2R2 MF R 220Ω 1/10W J * R1605 QR7039J-2R2 MF R 22ΩΩ 1/10W J * R1601 NRSA02J-223X MG R 22kΩ 1/10W J * R1611 NRSA02J-333X MG R 33kΩ 1/10W J * R1612 NRSA02J-223X MG R 22kΩ 1/10W J * R1613 NRSA02J-223X MG R 22kΩ 1/10W J * R1614 NRSA02J-273X MG R 22kΩ 1/10W J * R1615-16 NRSA02J-271X MG R 47kΩ 1/10W J * R1616 NRSA02J-271X MG R 270Ω 1/10W J * R1701 NRSA02J-102X MG R 1kΩ 1/10W J * R1703 NRSA02J-823X MG R 1kΩ 1/10W J * R1704 NRSA02J-104X MG R 1kΩ 1/10W J * R1705 NRSA02J-104X MG R 10kΩ 1/10W J * R1706 NRSA02J-103X MG R 30kΩ 1/10W J * R1707 NRSA02J-103X MG R 10kΩ 1/10W J * R1710 NRSA02J-331X MG R 30kΩ 1/10W J * R1710 NRSA02J-331X MG R 30kΩ 1/10W J * R1711 NRSA02J-222X MG R 10kΩ 1/10W J * R1713 NRSA02J-222X MG R 10kΩ 1/10W J * R1714 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1716 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-222X MG R 2.2kΩ 1/10W J *						
R1588						
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R1604 MRSA02J-221X MG R 220Ω 1/10W J * R1605 QRT039J-2R2 MF R 2.2Ω 3W J * R1606-07 MRSA02J-223X MG R 22kΩ 1/10W J * R1611 MRSA02J-333X MG R 33kΩ 1/10W J * R1611 MRSA02J-333X MG R 22kΩ 1/10W J * R1612 MRSA02J-223X MG R 22kΩ 1/10W J * R1613 MRSA02J-473X MG R 22kΩ 1/10W J * R1614 MRSA02J-271X MG R 0.0Ω 1/10W J * R1614 MRSA02J-271X MG R 270Ω 1/10W J * R1701 MRSA02J-102X MG R 270Ω 1/10W J * R1701 MRSA02J-823X MG R 270Ω 1/10W J * R1701 MRSA02J-102X MG R 1kΩ 1/10W J * R1703 MRSA02J-823X MG R 82kΩ 1/10W J * R1705 MRSA02J-103X MG R 10kΩ 1/10W J * R1705 MRSA02J-103X MG R 10kΩ 1/10W J * R1706 MRSA02J-103X MG R 0.0Ω 1/10W J * R1710 MRSA02J-331X MG R 330Ω 1/10W J * R1711 MRSA02J-331X MG R 330Ω 1/10W J * R1711 MRSA02J-222X MG R 10kΩ 1/10W J * R1716 MRSA02J-222X MG R 2.2kΩ 1/10W J * R1716 MRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 MRSA02J-471X MG R 470Ω 1/10W J * R1717 MRSA02J-471			MRSA02J-221X			
R1605 QRT039J-2R2 MF R 2.2Ω 3W J * R1606-07 NRSA02J-223X MG R 22kΩ 1/10W J * R1611 NRSA02J-333X MG R 33kΩ 1/10W J * R1612 HRSA02J-323X MG R 22kΩ 1/10W J * R1613 NRSA02J-273X MG R 47kΩ 1/10W J * R1614 HRSA02J-271X MG R 0.0Ω 1/10W J * R1615-16 NRSA02J-271X MG R 270Ω 1/10W J * R1701 NRSA02J-102X MG R 1kΩ 1/10W J * R1703 NRSA02J-823X MG R 82kΩ 1/10W J * R1704 NRSA02J-104X MG R 100kΩ 1/10W J * R1705 NRSA02J-103X MG R 0.0Ω 1/10W J * R1706 NRSA02J-103X MG R 0.0Ω 1/10W J * R1710 NRSA02J-331X MG R 0.0Ω 1/10W J * R1713 NRSA02J-33X MG R 10kΩ 1/10W J * R1714					0101.00 B1 B1 H	
R1611 NRSA02J-333X MG R 33kΩ 1/10V J * R1612 NRSA02J-223X MG R 22kΩ 1/10V J * R1613 NRSA02J-273X MG R 47kΩ 1/10V J * R1614 NRSA02J-0R0X MG R 0.0Ω 1/10V J * R1615-16 NRSA02J-271X MG R 270Ω 1/10V J * R1701 NRSA02J-102X MG R 1kΩ 1/10V J * R1703 NRSA02J-823X MG R 82kΩ 1/10V J * R1704 NRSA02J-102X MG R 10kΩ 1/10V J * R1705 NRSA02J-103X MG R 10kΩ 1/10V J * R1706 NRSA02J-103X MG R 10kΩ 1/10V J * R1706 NRSA02J-103X MG R 10kΩ 1/10V J * R1710 NRSA02J-331X MG R 330Ω 1/10V J * R1711 NRSA02J-331X MG R 300Ω 1/10V J * R1712 NRSA02J-222X MG R 10kΩ 1/10V J * R1714 NRSA02J-222X MG R 2.2kΩ 1/10V J * R1716 NRSA02J-222X MG R 2.2kΩ 1/10V J * R1717 NRSA02J-272X MG R 2.2kΩ 1/10V J * R1717 NRSA02J-272X MG R 2.2kΩ 1/10V J * R1717 NRSA02J-272X MG R 2.2kΩ 1/10V J *						
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R1613 NRSA02J-473X MG R 47kΩ 1/10W J * R1614 NRSA02J-0R0X MG R 0.0Ω 1/10W J * R1615-16 NRSA02J-102X MG R 270Ω 1/10W J * R1701 NRSA02J-102X MG R 1kΩ 1/10W J * R1703 NRSA02J-823X MG R 82kΩ 1/10W J * R1704 NRSA02J-104X MG R 100kΩ 1/10W J * R1705 NRSA02J-103X MG R 10kΩ 1/10W J * R1706 NRSA02J-103X MG R 0.0Ω 1/10W J * R1710 NRSA02J-331X MG R 330Ω 1/10W J * R1710 NRSA02J-331X MG R 330Ω 1/10W J * R1711 NRSA02J-103X MG R 10kΩ 1/10W J * R1712 NRSA02J-222X MG R 10kΩ 1/10W J * R1714 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1716 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-22X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-274X MG R 470Ω 1/10W J *						
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R1703 NRSA02J-823X MG R 82kΩ 1/10W J * R1704 NRSA02J-104X MG R 100kΩ 1/10W J * R1705 NRSA02J-103X MG R 10kΩ 1/10W J * R1706 NRSA02J-108XX MG R 0.0Ω 1/10W J * R1710 NRSA02J-331X MG R 330Ω 1/10W J * R1713 NRSA02J-331X MG R 10kΩ 1/10W J * R1714 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1716 NRSA02J-222X MG R 2.2kΩ 1/10W J * R1717 NRSA02J-471X MG R 470Ω 1/10W J *						
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R1717 NRSA02J-471X MG R 470Ω 1/10W J *						
R1718 HRSA02J-222X MG R 2.2kΩ 1/10W J *						
		R1718	NRSA02J-222X	MG R	2.2kΩ 1/10W J	*

∆ Symbol No.	Part No.	Part Name	Description Local	∆ Symbol No.	Part No.	Part Name	Description Local
	STOR			RES	ISTOR		
R1719 R1720 R1721 R1724 R1725 R1726-27 R1728 R1729	NRSA02J-471X NRSA02J-222X NRSA02J-471X NRSA02J-102X NRSA02J-104X NRSA02J-682X NRSA02J-682X NRSA02J-682X	MG R MG R MG R MG R MG R MG R MG R	470\(\Omega 1/10\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)	R1957 R1961 R1962 R1963 R1964 R1966 R1967 ▲ R1998	NRSA02J-222X QRJ146J-3R3X QRL029J-472 NRSA02J-103X NRSA02J-393X NRSA02J-223X QRE121J-683Y QRZ9041-275	MG R C R OM R MG R MG R C R C R	2. 2kΩ 1/10W J * 3.3Ω 1/4W J * 4.7kΩ 2W J * 10kΩ 1/10W J * 39kΩ 1/10W J * 22kΩ 1/10W J * 68kΩ 1/2W J * 2.7MΩ 1/2W K *
R1730 R1731 R1732 R1733-34 R1735 R1736 R1739 R1740	NRSA02J-101X NRSA02J-561X NRSA02J-224X NRSA02J-682X NRSA02J-103X NRSA02J-102X NRSA02J-473X NRSA02J-101X	MG R MG R MG R MG R MG R MG R MG R	100Ω 1/10W J * 560Ω 1/10W J * 220kΩ 1/10W J * 6.8kΩ 1/10W J * 10kΩ 1/10W J * 1kΩ 1/10W J * 47kΩ 1/10W J * 100Ω 1/10W J *	CAP C1001 C1003 C1004 C1005	QRE121J-121Y ACITOR QETN1HM-475Z QETN1CM-227Z QETN1CM-227Z QETN1CM-26Z	E CAP. E CAP. E CAP. E CAP.	120Ω 1/2W J * 4.7μF 50V M * 470μF 10V M * 220μF 16V M *
R1741 R1742 R1743 R1744 R1745 R1746 R1747 R1755	NRSA02J-223X NRSA02J-822X NRSA02J-222X NRSA02J-103X NRSA02J-473X NRSA02J-223X NRSA02J-222X NRSA02J-103X	MG R MG R MG R MG R MG R MG R MG R MG R	22k\(\Omega\$ 1/10\(\mathbf{V}\) J * 8.2k\(\Omega\$ 1/10\(\mathbf{V}\) J * 2.2k\(\Omega\$ 1/10\(\mathbf{V}\) J * 10k\(\Omega\$ 1/10\(\mathbf{V}\) J * 47k\(\Omega\$ 1/10\(\mathbf{V}\) J = 22k\(\Omega\$ 1/10\(\mathbf{V}\) J * 2.2k\(\Omega\$ 1/10\(\mathbf{V}\) J * 10k\(\Omega\$ 1/10\(\mathbf{V}\) J * 10k\(\Omega\$ 1/10\(\mathbf{V}\) J *	C1006 C1007 C1011 C1101 C1102 C1103 C1104-05 C1106	NCB21HK-103X QETN1HM-106Z NCB21HK-103X QFLC1HJ-104Z NCB21HK-103X QETN1CM-107Z NCB21HK-103X NDC21HJ-680X	C CAP. E CAP. C CAP. M CAP. C CAP. E CAP. C CAP. C CAP.	0.01µF 50V K * 10µF 50V M * 0.01µF 50V K * 0.1µF 50V J * 0.01µF 50V K * 100µF 16V M * 0.01µF 50V K * 68pF 50V J *
R1756-57 R1758-59 R1760 R1761 R1762 R1763 R1772 R1773	NRSA02J-682X NRSA02J-102X NRSA02J-103X NRSA02J-223X NRSA02J-822X NRSA02J-103X NRSA02J-102X NRSA02J-121X	MG R MG R MG R MG R MG R MG R MG R	6.8kQ 1/10W J * 1kQ 1/10W J * 10kQ 1/10W J * 22kQ 1/10W J * 8.2kQ 1/10W J * 10kQ 1/10W J * 1kQ 1/10W J * 120Q 1/10W J *	C1107 C1108 C1110 C1111 C1131 C1132 C1133 C1134	NCB21HK-103X QETN1CM-107Z NCB21HK-103X NCB21HK-222X QFV71HJ-154Z QFN31HJ-152Z QETN1HM-474Z NCB21HK-102X	C CAP. E CAP. C CAP. C CAP. MF CAP. M CAP. E CAP. C CAP.	0.01µF 50V K 100µF 16V M 10.01µF 50V K 10.01µF 50V K 10.01µF 50V K 10.01µF 50V J 1500pF 50V J 1000pF 50V K 10000pF 50V K 100000
R1781 R1791-95 R1801-03 R1804-06 ⚠ R1901 R1902 R1903 R1904-05	QRL029J-221 NRSA02J-561X NRSA02J-222X NRSA02J-101X QRF074K-R47 QRE121J-333Y NRSA02J-681X QRT029J-R22	OM R MG R MG R WMF R UNF R C R MG R	220Ω 2W J * 550Ω 1/10W J * 2.2kΩ 1/10W J * 100Ω 1/10W J * 0.47 Ω 7W K * 33kΩ 1/2W J * 680Ω 1/10W J * 0.22Ω 2W J *	C1135 C1137 C1161 C1162 C1163 C1164-65 C1166-70	NCB21HK-103X QETN1CM-476Z QETN1CM-107Z NCB21HK-103X NDC21HJ-220X NDC21HJ-470X NCB21HK-103X NCB21HK-103X NCB21HK-103X NCB21HK-222X	C CAP. E CAP. E CAP. C CAP.	0.01 μF 50 V K * 47 μF 16 V M * 100 μF 16 V M * 0.01 μF 50 V K * 22 μF 50 V J * 47 μF 50 V J * 0.01 μF 50 V K * 0.01 μF 50 V K * 2200 μF 50 V K * 2200 μF 50 V K * 470 μF 50 V
R1907-08 R1909 R1912-13 R1914 R1915-16 R1917 R1918 R1920	QRL039J-393 QRE121J-332Y QRE121J-333Y QRE121J-2R2Y NRSA02J-103X NRSA02J-103X NRSA02J-102X NRSA02J-103X	OM R C R C R G R MG R MG R MG R	39kΩ 3W J * 3.3kΩ 1/2W J * 33kΩ 1/2W J * 2.2Ω 1/2W J * 3.9kΩ 1/10W J * 10kΩ 1/10W J * 1kΩ 1/10W J * 10kΩ 1/10W J *	C1171 C1201 C1202-04 C1205 C1206 C1207 C1208 C1221 C1222-23	QENC1HM-475Z QETN1HM-475Z MCB21HK-104X QETN1HM-105Z QETN1HM-106Z NDC21HJ-680X QETN1CM-476Z NDC21HJ-330X	BP E CAP. E CAP. CHIP CAP. E CAP. E CAP. C CAP. C CAP. C CAP.	4.7µF 50V M * 4.7µF 16V M * 0.1µF 50V K * 1µF 50V M * 10µF 50V M * 68pF 50V J * 47µF 16V M * 33pF 50V J *
R1924 R1925 R1926 R1928 R1931 R1933 R1934 R1936	QRG01GJ-221 NRSA02J-103X QRT029J-R82 NRSA02J-682X NRSA02J-123X NRSA02J-123X NRSA02J-104X QRE121J-222Y	OM R MG R MF R MG R MG R MG R C R	220Ω 1W J * 10kΩ 1/10W J * 0.82Ω 2W J * 6.8kΩ 1/10W J * 12kΩ 1/10W J * 12kΩ 1/10W J * 100kΩ 1/10W J * 2.2kΩ 1/2W J *	C1272-23 C1224 C1225 C1226 C1228 C1231 C1232 C1233 C1234-35	NCB21HK-102X NCB21HK-104X NCB21HJ-681X NCB21HJ-681X NCB21HK-104X QETN1CM-476Z QETN1HM-106Z QETN1HM-105Z	C CAP. C CAP. C HIP CAP. C HIP CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	1000pF 50V K * 0.1µF 50V K * 680pF 50V J * 0.1µF 50V K * 47µF 16V M * 10µF 50V M * 47µF 16V M *
R1940 R1941 R1942 R1943 R1944 R1945-46 R1947 R1948	NRSA02J-104X NRSA02J-22X NRSA02J-22X NRSA02J-0R0X NRSA02J-102X NRSA02J-472X NRSA02J-222X	MG R MG R MG R MG R MG R MG R MG R	100kΩ 1/10W J * 1kΩ 1/10W J * 2.2kΩ 1/10W J * 0.0Ω 1/10W J * 39kΩ 1/10W J * 1kΩ 1/10W J * 4.7kΩ 1/10W J * 2.2kΩ 1/10W J *	C1301 C1302 C1303 C1304 C1305 C1306 C1401	NCB21HK-103X NCB21HL-100X NCB21HK-223X QETN1HM-474Z QETN1CM-107Z NCB21HK-103X QETN1HM-225Z OBHC1CK-225Z	C CAP. C CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP. E CAP. TAN.CAP.	0.01 pt 50V K * 10 pF 50V J * 0.02 pt 50V K * 0.47 pt 50V M * 100 pt 16V M * 0.01 pt 50V K * 2.2 pt 50V M * 2.2 pt 16V K
R1949 R1951 R1952 R1954 R1955 R1956	NRSA02J-104X QRT029J-1R2 QRT029J-1R0 QRE121J-272Y QRE121J-473Y NRSA02J-223X	MG R MF R MF R C R C R MG R	100kΩ 1/10W J * 1.2Ω 2W J * 1.0Ω 2W J * 2.7kΩ 1/2W J * 47kΩ 1/2W J * 22kΩ 1/10W J *	C1402 C1403 C1421 C1424 C1425	NCB21HK-225Z NCB21HK-103X QETN1VM-107Z QETM1VM-108	C CAP. E CAP.	1000pF 50V K * 0.01µF 50V K * 100µF 35V M *

No. 51392 47

▲ Symbol No.	Part No.	Part Name	Description Local	△ Symbol No. Part No. Part Name Description Loca
CAP	ACITOR			CAPACITOR
C1426 C1427 C1428 C1429 C1501 C1502 C1503 C1505	QFLC2AK-563Z QETM1EM-228 QFV71HJ-474Z QFV71HJ-224Z QETM1CM-227Z QETM1HM-106Z WCB21HK-103X QETM1HM-106Z	M CAP. E CAP. MF CAP. ME CAP. E CAP. E CAP. C CAP. E CAP.	0.056µF 100V K * 2200µF 25V M * 0.47µF 50V J * 0.22µF 50V J * 220µF 16V M * 10µF 50V M * 10µF 50V K * 10µF 50V M *	C1801-03 QETN1HM-474Z E CAP. 0.47 μF 50V M Δ C1901 QFZ9040-104 M.F.CAPACITOR 0.1 μFAC275V M Δ C1902 QFZ9040-473 M.M.CAPACITOR 0.047 μFAC275V M Δ C1903 QFZ9040-104 M.F.CAPACITOR 0.1 μFAC275V M Δ C1904 QCZ9052-102 C CAP. 1000 pFAC125V M Δ C1906 QCZ9078-102 C CAP. 1000 pFAC250V M Δ C1907 QCZ9078-102 C CAP. 1000 pFAC250V M Δ C1908 QCZ9078-102 C CAP. 1000 pFAC250V M
C1511 C1521 C1522 C1523 & C1531 & C1532 & C1533 C1534	QETN1CM-476Z QCB32HK-151Z QCB32HK-331Z QETN2CM-105Z QFZ0117-4001 QFZ0117-1302 QFP32GJ-223 QEHR2EM-225Z	E CAP. C CAP. C CAP. E CAP. MPP CAP. MPP CAP. PP CAP. E CAP.	47µF 16V M * 150pF 500V K * 330pF 500V K * 1µF 160V M * 4000pF1.4kVH±2.5% * 0.13µF1.4kVH±2.5% * 0.022µF 400V J * 2.2µF 250V M	∆ C1910 QEZ0169-477 E CAP. 470µE 200V M C1911 QETN1VM-477Z E CAP. 470µE 35V M C1912 QFN31HJ-102Z M CAP. 1000pF 50V J C1913 QCZ0325-22Z C CAP. 2200pF 2kV K C1914 QCZ0325-391 C CAP. 390pF 2kV K C1915 QFP32GJ-223 PP CAP. 0.022µE 400V J C1916 QCZ0325-22Z C CAP. 2200pF 2kV K C1918 MCB21HK-102X C CAP. 1000pF 50V K
△ C1535 C1536 C1538 C1541 C1542 C1544 C1545 C1546	QFZ0119-624 QCB32HK-561Z QEZ0420-107 QETM2EM-475Z QETMIVM-228 QETMIVM-107Z QFLC2AJ-103Z QFLC1HJ-473Z	M.PP CAPACITOR C CAP. E CAP. E CAP. E CAP. E CAP. M CAP. M CAP.	0.62 pF 200V ± 3% * 560 pF 500V K * 100 pF 160V M * 4.7 pF 250V M * 2200 pF 35V M * 100 pF 35V M * 0.01 pF 100V J * 0.047 pF 50V J *	C1919 NCB71HK-222X C CAP. 2200pF 50V K C1920 QFLC1HJ-823Z M CAP. 0.082µF 50V J C1921-23 QCZ0132-152Z C CAP. 1500pF 500V K C1924 QEZ04Z0-107 E CAP. 100µF 160V M C1925 QCZ0132-152Z C CAP. 1500pF 50V K C1926 QETM1CM-228 E CAP. 2200µF 16V M C1927 QETN1CM-227Z E CAP. 220µF 16V M C1928 QETN1EM-108Z E CAP. 1000µF 25V M
C1548 C1551 C1573 C1574 C1575 C1577 C1578-79 C1602	QCB32HK-102Z QETM1HM-106Z QFLC1HJ-683Z QETM1AM-477Z QFLC1HJ-683Z QETM1VM-476Z QEM61HK-475Z QENC1HM-474Z	C CAP. E CAP. M CAP. E CAP. M CAP. E CAP. E CAP. E CAP. E CAP.	1000pF 500V K * 10µF 50V M * 0.068µF 50V J * 470µF 10V M * 0.068µF 50V J * 47µF 35V M * 4.7µF 50V K 0.47µF 50V M *	C1931-32 QETN1CM-476Z E CAP. 47µF 16V M
C1604 C1605 C1606 C1607 C1608-09 C1613 C1614	QENC1HM-474Z QETN1CM-107Z QETN1EM-108Z QETN1HM-474Z QETN1CM-477Z QETN1EM-476Z QETN1HM-225Z	BP E CAP. E CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	0.47µF 50V M * 100µF 16V M * 1000µF 25V M * 0.47µF 50V M * 470µF 16V M * 470µF 25V M * 2.2µF 50V M *	C1955 MCB21HK-473X C CAP. 0.047 pf 50V K
C1615 C1701-02 C1703 C1704 C1705 C1706 C1708	QETN1HM-474Z NCB21HK-103X QETN1CM-107Z NCB21HK-103X NDC21HJ-181X QETN1HM-474Z QETN1HM-105Z	E CAP. C CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP.	0.47µF 50V M * 0.01µF 50V K * 100µF 16V M * 0.01µF 50V K * 180pF 50V J * 0.47µF 50V M *	T1161 CELT003-109J3 S.I.F. TRANSF. T1521 CE42034-002 H. DRIVE TRANSF. A T1522 QQH0032-001 F B T A T1901 CETS107-001J8 SW TRANSF.
C1709 C1710-11 C1712 C1713 C1714 C1715 C1716 C1717-18	NDC21HJ-221X NDC21HJ-390X NDC21HJ-370X NDC21HJ-150X NCB21HK-103X QETM1CM-107Z NCB21HK-103X NDC21HJ-330X	C CAP. C CAP. C CAP. C CAP. C CAP. C CAP. E CAP. C CAP. C CAP.	220pF 50V J * 39pF 50V J * 27pF 50V J * 15pF 50V J * 0.01µF 50V K * 100µF 16V M * 0.01µF 50V K * 33pF 50V J *	L1001 QQL03BJ-101Z COIL 100µH J L1102 QQL2014-R22 PEAKING COIL 0.22µH L1103 QQL2014-R68 PEAKING COIL 0.68µH L1104 QQL03BJ-680Z COIL 66µH J L1131 QQL03BJ-330Z COIL 33µH J L1161 QQL03BJ-680Z COIL 68µH J L1162 QQL03BJ-270Z COIL 22µH J L1201 QQL03BJ-270Z COIL 22µH J
C1719 C1720-21 C1724 C1736 C1741 C1743 C1744 C1761 C1771 C1772	NDC21HJ-471X NCB21HK-103X NDC21HJ-471X NCB21HK-102X QFN31HJ-102Z NCB21HK-103X NDC21HJ-681X QFN31HJ-272Z QETNICM-476Z NCB21HK-103X	C CAP. C CAP. C CAP. M CAP. C CAP. C CAP. C CAP. E CAP. C CAP. C CAP.	470pF 50V J * 0.01µF 50V K * 470pF 50V J * 1000pF 50V K * 1000pF 50V J * 0.01µF 50V K * 680pF 50V J * 2700pF 50V J * 47µF 16V M * 0.01µF 50V K *	∆ L1531 CE41663-00B LINEARITY COIL L1532 QQLZ016-821 CHOKE COIL ∆ L1591 QQLZ018-340 HEATER CHOKE L1701 QQL03BJ-5R6Z COIL 5.6µH L1702 QQL244J-100Z COIL 10µH L1707 QQL03BJ-5R6Z COIL 5.6µH L1771 QQL03BJ-5R6Z COIL 5.6µH L1921 QQL42AK-820Z COIL 82µH K L1922 QQL42AK-220Z COIL 22µH K
C1772 C1773 C1774 C1781 C1782 C1783 C1784	QETN1CM-107Z QETN1CM-227Z QETN1CM-476Z WCB21HK-103X QETN1CM-107Z QETN1HM-336Z	E CAP. E CAP. E CAP. C CAP. E CAP. E CAP.	100µF 16V M * 220µF 16V M * 47µF 16V M * 0.01µF 50V K * 100µF 16V M *	DIODE D1001 MTZJ33A-T2 ZENER DIODE D1221 MTZJ5.1B-T2 ZENER DIODE D1231-34 155133-T2 SI.DIODE D1421 1N4003-T2 SI.DIODE

∆ Symbol No.	Part No.	Part Name	Description Local	4	Symbol No.	Part Mo.	Part Name	Description Local
DIOI D1422 D1501 D1511 A D1531 A D1532 D1533 D1541 D1542	MT2J75-T2 1SS133-T2 MT2J3.3A-T2 RH3G-F1 RU3AM-LFC4 RGP10J-5025-T3 RH1S-T3 RGP10J-5025-T3	ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE	* * * * *		Q1921 Q1922 Q1923 Q1923 Q1924 Q1925 Q1926 Q1927-28 Q1929	25C2412K/QR/-X 25D1383K/AB/-X 25A1020/Y/-T 25C2412K/QR/-X 25A949/Y/Z1-T 25C2240/GL/-T DTC124EKA-X 25C2412K/QR/-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	* * * * * * * *
D1544 D1546 D1549 D1551 D1560-61 D1601-02 D1603	1SS81-T2 1SR124-400A-T2 MTZJ9.1B-T2 MA4068N/Z1/-T2 1SS133-T2 1SS133-T2	SI.DIODE SI.DIODE ZENER DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE	* * * * * * * *		Q1931 Q1942-43 Q1944 Q1951	DTC124EKA-X 2SC2412K/QR/-X DTC124EKA-X 2SA949/Y/Z1-T	DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	* * *
D1702-04 D1741-42 D1744 D1771-72 D1774 D1801 D1804 D1901	155133-T2 155133-T2 155133-T2 155133-T2 155133-T2 MTZJ5.1B-T2 155133-T2 D35BA60-51 RGP10J-5025-T3	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE BRIDGE DIODE SI.DIODE	* * * * * * * * *	4		KIA78L05BP-T UPC2409AHF TA1242M TC4066BP MSM5256RS LA7832 LA4485 MN1876478JC	I.C. (MONO-AMA) I.C. (MONO-AMA) I.C. (MONO-AMA) I.C. (DIGI-MOS) I.C. (DIGI-MOS) I.C. (MONO-AMA) I.C. (MONO-AMA) I.C. (MONO-AMA) I.C. (MONO-AMA)	* * * * *
D1903-04 D1905 D1909 D1910 D1911 D1912 D1913-14 D1916	1SS133-TZ EG1A-T3 HTZJ15A-T2 RGP10J-5025-T3 1SS133-TZ HTZJ15A-TZ RGP10J-5025-T3 RGP10J-5025-T3	SI.DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE	* * * * * * * *	4		AT24C08-36985U MN1381/Q/-T AN77L05-T AN7705F STR-F6626 SE135N	I.C. (MONO-ANA) I.C. (MONO-ANA) I.C. (MONO-ANA) I.C. (MONO-ANA) I.C. (HYBRID)	(SERVICE) * **********************************
D1918 D1921 D1922 D1923 D1925 D1926-28 D1931 D1933	MTZJ13B-T2 RU30A-F1 RU37X-LFC4 EGP10DL-6006-F1 RGP10J-5025-T3 155133-T2 155133-T2	ZENER DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE	* * * * *	4	CF1001 CF1131 CF1161 CF1501 CF1701 CN1001 A CN10PW	FTP47.25MF QAX0339-001 SFSH4.5MCB CSB503F30-T2 FCR12.0M25 CHB303W-35R-J QMPD070-200-JC QMF0007-5R0J1	CERAMIC FILTER CERAMIC FILTER CERAMIC FILTER CER. RESONATOR CER. RESONATOR RECEPTACLE POWER CORD FUSE	* * * * * * *
D1941 D1942 D1951	MTZJ11A-T2 MTZJ6.8C-T2 MTZJ7.5S-T2	ZENER DIODE ZENER DIODE ZENER DIODE	*	4	K1421 K1901 K1903 K1921 K1922 LF1901	QQR0582-001Z CE41433-001Z CE41433-001Z CE41433-001Z QQR0621-001Z CELF001-001J1	BEADS CORE BEADS CORE BEADS CORE BEADS CORE BEADS CORE LINE FILTER	* * * *
Q1101 Q1131-32 Q1161 Q1201-03 Q1204-05 Q1231-32 Q1521 \$\tilde{Q}\$ Q1531 Q1541	25C5083/L-P/-T 25C2412K/QR/-X 25C2412K/QR/-X 25C2412K/QR/-X 25A1037AK/QR/-X 25C2412K/QR/-X 25C412/71/ 25D2539-LB 25A1037AK/QR/-X	SI.TRANSISTOR	* * * * * * * * *	44 44 44 44 44 44 44 44 44 44 44 44 44		CE42335-001J1 TLP621(B) TLP621(B) CE5K028-001 CE5K028-001 Q5L4A13-C02 CE42604-201 CEKP004-002 CEKP007-002 QAU0071-001	LINE FILTER I.C.(PH.COUPLER) I.C.(PH.COUPLER) RELAY RELAY LEVER SWITCH SAM FILTER P.THERMISTOR P.THERMISTOR TUNER	* * * (V.CENTER SW) * * *
△ Q1542 Q1551 Q1552 △ Q1553 Q1601 Q1602 Q1603 Q1604	25C2785/JH/-T 25C2412K/QR/-X 25S1037AK/QR/-X 25D1408/0Y/-LB DTC124EKA-X 25C2412K/QR/-X DTC124EKA-X 25A1037AK/QR/-X	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	* * * * * *	Δ	VA1901 W1156-57 W1159 W1161 W1164 W1166-67 W1170-71 W1175-76	ERZV10V361CS NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X NRSA02J-0R0X	VARISTOR MG R MG	** 0.00 1/10W J **
Q1701 Q1702 Q1741 Q1742 Q1743-44 Q1911 Q1912	DTC124EKA-X 2SC2412K/QR/-X 2SC2412K/QR/-X DTC124EKA-X 2SC2412K/QR/-X 2SA1037AK/QR/-X 2SD2088-T	DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR	* * * *		W1178 W1180 W1187 W1191 W1193-94 W1201	NRSA02J-OROX NRSA02J-OROX NRSA02J-OROX NRSA02J-OROX NRSA02J-OROX NRSA02J-OROX	MG R MG R MG R MG R MG R MG R	0.0Ω 1/10W J *

No. 51392 49

Δ	Symbol No.	Part No.	Part Name	Description	Local
_	отн	ERS			
	¥1205	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	W1263	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W1267-68	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	¥1276-78	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W1793-95	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W1297	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	*
	W1299	NRSA02J-0R0X	MG R	0.0Ω 1/10W J	
	W1300	NRSA02J-OROX	MG R	0.0Ω 1/10¥ J	*
	X1221	0AX0271-001Z	CRYSTAL		
	X1301	0AX0310-001Z	CRYSTAL		*
	Y1705	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	Y1710	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*

CRT SOKET P.W. BOARD ASS'Y (SGV-3003A-M2)

Δ	Symbol No.	Part No.	Part Name	Descriptio	n Loc	al
	RESI	STOR		***		_
	R3351-53 R3354-56	NRSA02J-221X NRSA02J-181X	MG R MG R	180Ω 1/10W	J J	* * *
	R3357-59 R3360-62 R3363-65	NRSA02J-101X QRZ0111-152 QRG029J-103	MG R C R OM R	10kΩ 2W	J K J	*
	R3366-68 R3381	NRSA02J-152X QRE121J-394Y	MG R C R) J	*
_	CAPA	CITOR				_
Δ	C3354-55 C3356 C3357 C3381 C3382	NCS21HJ-331X NCS21HJ-391X QETN1CM-107Z QETN2EM-225Z QCZ9074-103	C CAP. C CAP. E CAP. E CAP. C CAP.	390pF 50V 100µF 16V 2.2µF 250V	} M M	* * * *
_	COIL	•				_
	L3381	QQL39BK-101Z	COIL	100µH	K	*
	TRAN	ISISTOR	3			_
	Q3351-53	2SC4544-LB	SI.TRANSISTOR			*
_	OTHE	RS				_
Δ	SK3351	CE42535-001J1	CRT SOCKET			*

FRONT CONTROL P.W. BOARD ASS'Y (SGV-4002A-M2)

Refer to PARTS LIST in page 38 for this P.W. board.

AV SELECTOR P.W. BOARD ASS'Y (SGV-8003A-M2)

(5)	GV-800:	3A-M2)			
•		Part No.	Part Name	Description	Local
	RESI	STOR			
9	R8002	NRSA02J-103X	MS R	10kΩ 1/10W J	*
	8003-04	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
R	28005	QRJ146J-5R6X	C R	5.6Ω 1/4W J	*
R	8101	NRSA02J-820X	MG R	82Ω 1/10W J	*
	8102	NRSA02J-562X	MG R	5.6kΩ 1/10W J	*
	8103	NRSA02J-182X	MG R	1.8kΩ 1/10W J	*
	8104	NRSA02J-180X	MG R MG R	18Ω 1/10W J 27Ω 1/10W J	
ĸ	R8105	NRSA02J-270X	א טוז	2/56 1/10# 3	•
R	8106	QRE121J-101Y	CR	100Ω 1/2W J	*
	8109	NRVAO2D-221X	MF R	220Ω 1/10W. D	*
	8110-11	NRSA02J-104X	MG R	100kΩ 1/10W J	*
	R8112 R8113	NRSA02J-101X NRSA02J-103X	MG R MG R	100Ω 1/10W J 10kΩ 1/10W J	
	R8115	NRSA02J-221X	MG R	220Ω 1/10W J	*
	8117	NRSA02J-181X	MG R	180Ω 1/10W J	
	8119	NRSA02J-821X	MG R	820Ω 1/10W J	
	10130	UDCAARI 100V	MC D	110 1/104	
	8120 8121	NRSA02J-102X NRSA02J-330X	MG R MG R	1kΩ 1/10W J 33Ω 1/10W J	
	8124	NRSA02J-272X	MG R	2.7kΩ 1/10W J	
	8125	NRSA02J-334X	MG R	330kΩ 1/10W J	
	8126	NRSA02J-223X	MG R	22kΩ 1/10W J	
	8201	NRSA02J-101X	NG R	100Ω 1/10W J	
R	88202	NRSA02J-101X	MG R	100Ω 1/10W J	*
R	8203	NRSA02J-562X	MG R	5.6kΩ 1/10W- J	
P	8204	NRSA02J-101X	MG R	100Ω 1/10W J	
	8211	NRSA02J-101X	MG R	100Ω 1/10W J	*
	8212	NRSA02J-221X	MG R	220Ω 1/10W J	
R	8213	NRSA02J-152X	MG R	1.5kΩ 1/10W J	
R	8215-16	NRSA02J-102X	MG R	1kΩ 1/10W J	*
	8217	NRSA02J-562X	MG R	5.6kΩ 1/10W J	*
	18271	NRSA02J-102X	MG R MG R	1kΩ 1/10W J 1.5kΩ 1/10W J	*
К	8272	NRSA02J-152X	пь к	1.3K11/10W J	•
R	18273	NRSA02J -222X	MG R	2.2kΩ 1/10W J	
R	8275	NRSA023-152X	MG R	1.5kΩ 1/10W J	*
	8276	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	8301-02	NRSA02J-102X	MG R	1kΩ 1/10W J	*
	8303	NRSA02J-393X	MG R MG R	39kΩ 1/10W J 33kΩ 1/10W J	
	18304 18305	NRSA02J-333X NRSA02J-272X	MG R	2.7kΩ 1/10W J	
	8306	NRSA02J-471X	MG R	470Ω 1/10W J	
		1004001 4004	WC 0	11-0-1/104	
	8308	NRSA02J -102X	MG R MG R	1kΩ 1/10W J 15kΩ 1/10W J	*
	18310-11 18371	NRSA02J-153X NRSA02J-222X	MG R	2. 2kΩ 1/10W J	
	18372	NRSA02J-102X	MG R	1kΩ 1/10W J	
	8375	NRSA02J-183X	MG RI	18kΩ 1/10W J	*
	8376	NRSA02J-103X	MG R	10kΩ 1/10W J	
R	8377	NRSA02J-152X	MS R	1.5kΩ 1/10W J	
R	8378	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
D	8601	NRSA02J-102X	MG R	1kΩ 1/10₩ J	*
	8602-03	NRSA02J-682X	MG R	6.8kΩ 1/10W J	
	8604	NRSA02J-683X	MG R	68kΩ 1/10W J	*
	8605	NRSA02J-332X	MG R	3.3kΩ 1/10W J	*
R	8606	NRSA02J-333X	HG R	33kΩ 1/10W J	*
R	8607	NRVA02D-153X	MF R	15kΩ 1/10W D	*
	8609	NRVA02D-152X	MF R	1.5kΩ 1/10W D	*
R	8611	NRSA02J-512X	MG R	5.1kΩ 1/10W J	*
R	8613-16	NRSA02J-101X	MG R	100Ω 1/10W J	*
	8661	NRSA02J-123X	MG R	12kΩ 1/10W J	*
	8662	NRSA02J-473X	MG R	47kΩ 1/10W J	*
	18663-64	NRSA02J-123X	MG R	12kΩ 1/10W J	*
	8665	MRSA02J-473X	MG R	47kΩ 1/10W J	*
	8666	NRSA02J-123X	MG R	12kΩ 1/10W J	*
	8667-68	NRSA02J-562X	MG R	5.6kΩ 1/10W J 5.6kΩ 1/10W J	*
K	8671	NRSA02J-562X	MG R	S. OKM ITIUW J	•
R	8672	NRSA02J-223X	MG R	- 22kΩ 1/10¥ J	*
	8683-86	MRSA02J-223X	MG R	22kΩ 1/10W J	*
		NRSA02J-221X	MG R	220Ω 1/10W J	*

Symbol No.	Part No.	Part Name	Description Local	∆ Symbol No.	Part No.
RESI	STOR			CAP	ACIT
R8695-96 R8801-03 R8804-05 R8806-07 R8808 R8809-10 R8813	NRSA02J-823X NRSA02J-820X NRSA02J-823X NRSA02J-820X NRSA02J-820X NRSA02J-823X NRSA02J-102X	MG R MG R MG R MG R MG R MG R	82k\Omega 1/10\W \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	C8620 C8621 C8622 C8623 C8624 C8625 C8628	QETN1HM-22 NCB21HK-22 NCB21HK-10 QETN1HM-22 NCB21HK-22 NCB21HK-10 QETN1HM-10
R8814-16 R8817	NRSA02J-221X NRSA02J-102X	MG R MG R	220Ω 1/10W J * 1kΩ 1/10W J *	C8661-62 C8664	QENC1HM-10 QETN1CM-47
R8818 R8819 R8820-21 R8822-23 R8824 R8829 R8831-33	NRSA02J -102X NRSA02J -102X NRSA02J -102X NRSA02J -102X NRSA02J -102X NRSA02J -103X NRSA02J -563X	MG R MG R MG R MG R MG R MG R MG R	1kΩ 1/10W J * 220Ω 1/10W J * 1kΩ 1/10W J * 220Ω 1/10W J * 220Ω 1/10W J * 1kΩ 1/10W J * 10κΩ 1/10W J * 56kΩ 1/10W J *	C8691-92 C8814 C8815-16 C8817-18 C8819 C8820-21 C8822	QETN1HM-47 QETN1HM-10 QETN1HM-10 QETN1HM-10 QETN1HM-10 QETN1HM-10 QETN1HM-10
R8851 R8852 R8854	NRSA02J-562X NRSA02J-223X NRSA02J-101X	MG R MG R MG R	5.6kΩ 1/10W J * 22kΩ 1/10W J * 100Ω 1/10W J *	C8823 C8833-37 C8842-43 C8845	QETN1HM-10 NCB21HK-10 NCB21HK-10 QETN1HM-10
CAP	ACITOR			C8846-47 C8848-49	NCB21HK-10 QENC1HM-10
C8001 C8003 C8004 C8005 C8006	QETN1HM-475Z QETN1CM-107Z QETN1HM-106Z NCB21HK-103X QETN1HM-106Z	E CAP. E CAP. E CAP. C CAP. E CAP.	4.7 pF 50V M * 100 pF 16V M * 10 pF 50V M * 0.01 pF 50V K * 10 pF 50V M *	C8850 - 51 C8852 C8854 C8855	QETN1CM-47 QENC1HM-10 QETN1HM-10 QENC1HM-10
C8007-08 C8101-03	QETN1CM-476Z NCB21HK-103X	E CAP. C CAP. C CAP.	47µF 16V M * 0.01µF 50V K * . 2200pF 50V K *	COI	L
C8104 C8105 C8106 C8107 C8108 C8109-10 C8112 C8113	NCB21HK-222X QETN1CH-107Z NCB21HK-222X NCB21HK-103X NDC21HJ-101X QFV71HJ-224Z NCB21HK-222X QETN1CH-476Z	E CAP. C CAP. C CAP. MF CAP. C CAP. E CAP.	100µF 16V M * 2200pF 50V K * 0.01µF 50V K * 100pF 50V J * 0.22µF 50V J * 2200pF 50V K *	£8003 £8101 £8103 £8104 £8106 £8211 £8302	QQL03BJ-1! QQLZ014-R2 CE42452-00 QQL03BJ-1! QQL03BJ-2! QQL03BJ-2!
C8114	QETN1HM-474Z	E CAP.	0.47µF 50V M *	DIO	DE
C8115 C8116 C8117 C8118 C8201	NCB21HK-103X QETN1CM-107Z QETN1HM-106Z QFV71HJ-474Z QETN1CM-107Z	C EAP. E CAP. E CAP. MF CAP. E CAP.	0.01µF 50V K * 100µF 16V M * 10µF 50V M * 0.47µF 50V J * 100µF 16V M *	D8693-94 D8703 D8814-23	MTZJ9.1C- MTZJ5.6B- MTZJ9.1C-
C8211 C8212 C8216	QETN1HM-106Z NDC21HJ-330X QETN1CM-476Z	E CAP. C CAP. E CAP.	10μF 50V M	TRA 08101	NSIS 25C5083/L
C8271 C8303 C8306 C8307 C8308 C8371 C8375	QETN1CM-476Z NCB21HK-103X NDC21HJ-680X NDC21HJ-271X NCB21HK-103X NCB21HK-103X NCB21HK-103X	E CAP. C CAP.	47µF 16V M * 0.01µF 50V K * 68pF 50V J * 270pF 50V J * 0.01µF 50V K * 0.01µF 50V K * 100µF 16V M *	Q8102 Q8201 Q8211 Q8212 Q8271 Q8302 Q8304-05	25A1037AK 25C2412K/ 25C2412K/ 25A1037AK 25C2412K/ 25C2412K/ 25C2412K/
C8601 C8602 C8603 C8604 C8605	QETNICM-107Z NCB21HK-103X QETNICM-476Z NCB21HK-104X QENC1HM-475Z	C CAP. E CAP. CHIP CAP. BP E CAP.	0.01µF 50V K * 47µF 16V M * 0.1µF 50V K * 4.7µF 50V M *	Q8671-72 Q8683-86 Q8803 Q8851-52	DTC124EKA 2SC2412K/ 2SA1037AK DTC124EKA
C8606 C8607 C8608 C8609	QENC1HM-105Z QETN1HM-225Z NCB21HK-473X QETN1HM-474Z	BP E CAP. E CAP. C CAP. E CAP.	1μF 50V M * 2.2μF 50V M * 0.047μF 50V K * 0.47μF 50V M *	IC IC8001	KIA78L05E
C8610-11 C8612 C8613 C8614 C8615-16 C8617 C8618 C8619	NCB21HK-104X QETM1HM-105Z QBTC1CK-335Z QBTC1CK-106Z QETM1HM-105Z QETM1HM-475Z QETM1HM-105Z NCB21HK-273X	CHIP CAP. E CAP. TAN. CAP. TAN. CAP. E CAP. E CAP. E CAP. C CAP.	0.1 µF 50V K * 1 µF 50V M * 3.3 µF 16V K 10 µF 16V K 1 µF 50V M * 4.7 µF 50V M * 0.027 µF 50V K *	IC8101 IC8601 IC8661 IC8671 IC8801 IC8803	LA7583 UPC1851BC BA15218N TC4066BP CXA1545AS TC4066BP

Symbol No.	Part No.	Part Name	Desc	ription	Local
CAP	ACITOR				
C8620	QETN1HM-225Z	E CAP.	2.2µF	50V M	*
C8621	NCB21HK-222X	C CAP.	2200pF	50V K	*
C8622	NCB21HK-104X	CHIP CAP.	0.1µF	50V K 50V M	*
C8623	QETN1HM-225Z	E CAP.	2.2µF 2200pF	50V M 50V K	
C8624	NCB21HK-222X NCB21HK-104X	C CAP. CHIP CAP.	0.1µF	50V K	*
C8625 C8628	QETN1HM-105Z	E CAP.	1µF	50V M	
C8661-62	QENC1HM-105Z	BP E CAP.	1µF	50V M	
C0001 02	Aructini 1025	D, E 0/11			
C8664	QETN1CM-476Z	E CAP.	47µF	16V M	*
C8691-92	QETN1HM-474Z	E CAP.	0.47μF	50V M	*
C8814	QETN1HM-105Z	E CAP. E CAP.	1 ա Բ 10 ա Բ	50V M	
C8815-16	QETN1HM-106Z QETN1HM-105Z	E CAP.	10µF	50V M	*
C8817-18 C8819	0ETN1HM-106Z	E CAP.	10µF	50V M	*
C8820-21	0ETN1HM-105Z	E CAP.	1µF	50V M	
C8822	QETN1HM-106Z	E CAP.	10 µ F	50V M	*
	·			CAU M	
C8823	QETN1HM-105Z	E CAP.	1µF	50V M 50V K	*
C8833-37	NCB21HK-102X	C CAP. C CAP.	1000pF 0.01աF	50V K	
C8842-43	NCB21HK-103X 0ETN1HM-106Z	E CAP.	10µF	50V M	
C8845 C8846-47	NCB21HK-103X	E CAP.	0.01 u F	50V K	
C8848-49	QENC1HM-105Z	BP E CAP.	1µF	50V M	
C8850-51	QETN1CM-476Z	E CAP.	47µF	16V M	
C8852	QENC1HM-105Z	BP E CAP.	1µF	50V M	*
C8854	ACTUSUM 1ACT	E CAP.	10 µ F	50V M	
C8855	QETN1HM-106Z Qenc1HM-105Z	BP E CAP.	1μ F	50V M	
COI	1				
		COIL		15µH J	*
L8003	QQL03BJ-150Z 00LZ014-R22	PEAKING COIL		0.22µH	
L8101 L8103	CE42452-003	COIL		v	
L8104	QQL03BJ-180Z	PEAKING COIL		18µH	*
L8106	QQL03BJ-5R6Z	COIL	!	5.6 µH J	
L8211	QQL03BJ-220Z	COIL		22µH J	
L8302	QQL03BJ-150Z	COIL		15 µH J	
DIC	DE				-
D8693-94	MTZJ9.1C-T2	ZENER DIODE			
D8703	MTZJ5.6B-T2	ZENER DIODE			
D8814-23	MTZJ9.1C-T2	ZENER DIODE			•
TRA	NSISTO	R			
Q8101	2SC5083/L-P/-T	SI. TRANSISTOR			1
Q8102	2SA1037AK/QR/-X	SI.TRANSISTOR			1
Q8201	2SC2412K/QR/-X	SI.TRANSISTOR			
Q8211	2SC2412K/QR/-X	SI.TRANSISTOR SI.TRANSISTOR			
Q8212 Q8271	2SA1037AK/QR/-X 2SC2412K/QR/-X	SI. TRANSISTOR			
08302	2SC2412K/QR/-X	SI. TRANSISTOR			
Q8304-05	25C2412K/QR/-X	SI.TRANSISTOR			
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Q8371	2SC2412K/QR/-X	SI. TRANSISTOR			
08671-72	OTC124EKA-X	DIGI.TRANSISTOR			
08683-86	2SC2412K/QR/-X 2SA1037AK/QR/-X	SI.TRANSISTOR SI.TRANSISTOR			
Q8803 Q8851-52	DTC124EKA-X	DIGI. TRANSISTOR			
Ann1-17	A 1677-171 V				
IC					
IC8001	KIA78LO5BP-T	I.C. (MONO-ANA)			
IC8101	LA7583	I.C. (MONO-ANA)			
IC8601	UPC1851BCU	I C (MOND ANA)			
IC8661	BA15218N	I.C. (MONO-ANA)			
IC8671 IC8801	TC4066BP CXA1545AS	I.C.(DIGI-MOS) I.C.(MONO-ANA)			
IC8803	TC4066BP	I.C. (DIGI-MOS)			
		,			

Δ	Symbol No.	Part No.	Part Name	Description	Local
	ОТН	ERS			
	CF8102	FCR5.71M2SF3	CER.RESONATOR		*
	CF8103	0AX0339-001	CERAMIC FILTER		*
	CM8201	CE42599-001	COMB FILTER		*
	CN8001	CHB303W-35P-J	PLUG		*
	DL8201	CE42464-001	BPF&DL MODULE		
	J8801-02	ONZ0117-001	PIN JACK		
	18803	ONNO181-001	PIN JACK		
	J8804-05	QNS0001-001	JACK		*
	SF8101	0AX0483-001	SAW FILTER		*
Λ	TU8001	0AU0071-001	TUNER		*
-	W8071	NRSA02J-DROX	MG R	0.0Ω 1/10W J	*
	W8072	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8096	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8102-03	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8108	NRSA02J-OROX	MG R	0.0Ω 1/10W J	
	W8159	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8162	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8169	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*
	W8172	NRSA02J-OROX	MG R	0.0Ω 1/10W J	*

PIP P.W. BOARD ASS'Y (SGV0P001A-M2)

Refer to PARTS LIST in page 40 for this P.W. board.

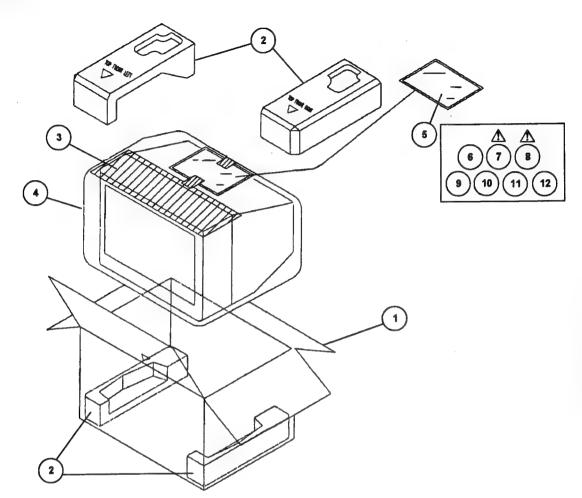
GUIDE PLUS + MODULE P.W. BOARD ASS'Y (SGV0T001A-M2)

Δ	Symbol No.	Part No.	Part Name	Description	Local
_	OTHE	RS			
		SGV0T001A-M2	GUIDE PULS + MODULE		

REMOTE CONTROL UNIT PARTS LIST (RM-C752-1C)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	2AA015250	BATTERY COVER		*

PACKING



PACKING PARTS LIST

⚠ Ref.No.	Part No.	Part Name	Description	Local
[America Mod	iell			
1	CP11499-019-A	PACKING CASE		*
2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
3	CP30055-A02-A	TOP COVER		*
4	CP30056-004-A	POLY BAG		*
5	QPGA025-03505A	POLY BAG REMOCON UNIT		*
6	RM-C752-1C LCT0135-001A-A	INST.BOOK	(ENGLISH)	*
▲ 7	BT-51006-1Q	REGISTER CARD	(ENGLISH)	*
9	B1-31000-14	KEGISTER CHRS		
12	CE42597-00A	IR MOUSE		*
[Canada Mod	iel			
1	CP11499-019-A	PACKING CASE		*
2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
3	CP30055-A02-A	TOP COVER		*
4	CP30056-004-A	POLY BAG		*
5	QPGA025-03505A	POLY BAG		*
6	RM-C752-1C	REMOCON UNIT	(ENGLIZEU)	-
△ 7 △ 8	LCT0135-001A-A	INST.BOOK	(ENGLISH)	*
∆ 8	LCT0136-001A-A	INST BOOK	(FRENCH)	•
10	BT-52002-1Q	WARRANTY CARD		*
11	BT-20071B-Q	SVC CENTER LIST		*
12	CE42597-00A	IR MOUSE		*

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AV-36985 (US&CA)

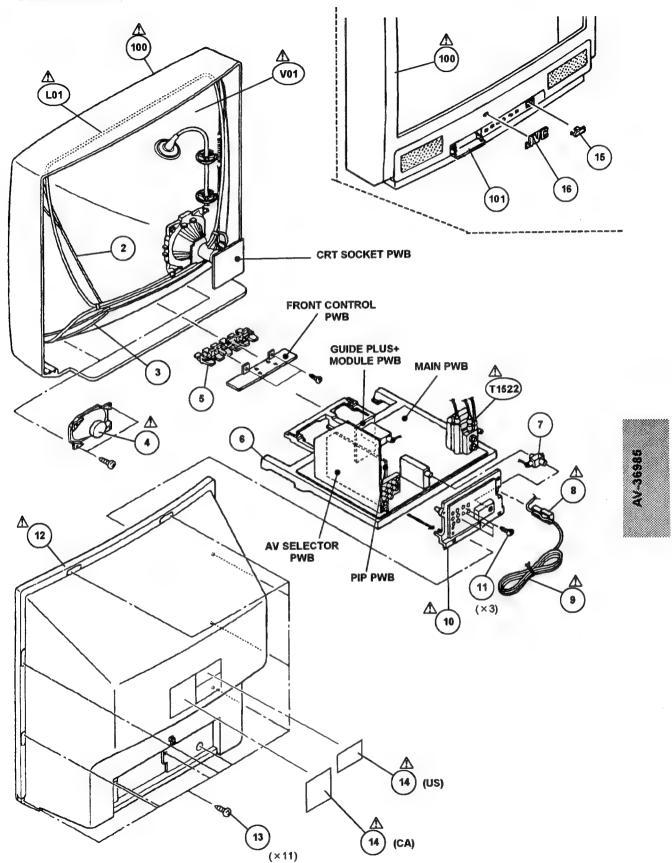
EXPLODED VIEW PARTS LIST

Δ	Ref.No.	Part No.	Part Name	Description	Local
Δ	L01	CELD067-001JA	DEGAUSSING COIL		*
Δ	V01	A90AFX15X01	ITC TUBE(C)	(Inc.DY)	*
Δ	T1522	QQH0032-001	FBT	(Within MAIN PWB)	*
	2	CHGB0027-0A	BRAIDED ASSY		*
	3	CHGB0016-0C	BRAIDED SUB WIRE	(×2)	*
Δ	4	CEBSS12D-02J2	SPEAKER	(×2)SP01,SP02	*
	5	CM35776-B01-H	PUSH KNOB		*
	6	CM12689-B01-VA	CHASSIS BASE		*
	7	CEGA008-001	ANT.SPLITTER		*
Λ	8	CM48140-A03-A	CORD CLAMP		*
Δ	8 9	QMPD070-200-JC	POWER CORD	(SERVICE)	
Δ	10	LC20087-001B-A	TERMINAL BOARD		*
	11	SBSB3010Z	TAPPING SCREW	(×3)	*
Δ	12	CM12634-D02-MA	REAR COVER		*
	13	GBSB4016Z	TAPPING SCREW	(×11)	*
Δ	14	CM22999-001-A	RATING LABEL	(CA)	*
Δ	14	CM23034-001-A	RATING LABEL	(US)	*
_	15	CM35983-001-H	REMOCON WINDOW		*
	16	CM46084-A01	BRAND MARK		
Δ	100	CM12747-00L-MA	F.CABINET ASSY	Inc.No.101	*
	101	CM36162-010-A	DOOR		

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EXPLODED VIEW



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (SGV-1008A-M2)

Refer to PARTS LIST in page 46 for this P.W. board.

AV SELECTOR P.W. BOARD ASS'Y (SGV-8003A-M2)

Refer to PARTS LIST in page 50 for this P.W. board.

CRT SOKET P.W. BOARD ASS'Y (SGV-3003A-M2)

Refer to PARTS LIST in page 50 for this P.W. board.

PIP P.W. BOARD ASS'Y (SGV0P001A-M2)

Refer to PARTS LIST in page 40 for this P.W. board.

FRONT CONTROL P.W. BOARD ASS'Y (SGV-4002A-M2)

Refer to PARTS LIST in page 38 for this P.W. board.

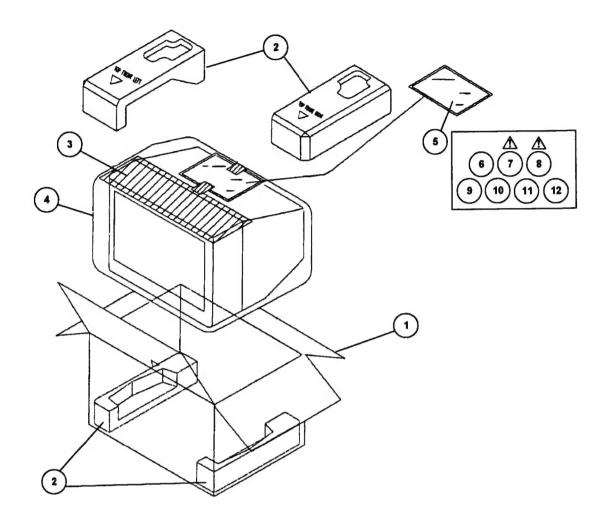
GUIDE PLUS + MODULE P.W. BOARD ASS'Y (SGV0T001A-M2)

Refer to PARTS LIST in page 52 for this P.W. board.

REMOTE CONTROL UNIT PARTS LIST (RM-C888-1A)

⚠ Ref.No.	Part No.	Part Name	Description	Local
	103RRC-AAA-01R	BATTERY COVER		*

PACKING



PACKING PARTS LIST

Δ	Ref.No.	Part No.	Part Name	Description	Local
ΓΑΙ	nerica Model]				
	1	CP11499-019-A	PACKING CASE		*
	2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
	3	CP30055-A02-A	TOP COVER		*
	4	CP30056-004-A	POLY BAG		*
	5	OPGA025-03505A	POLY BAG		*
	6	RM-C888-1A	REMOCON UNIT		*
Δ	7	LCT0137-001A-A	INST BOOK	(ENGLISH)	*
	9	BT-51006-1Q	REGISTER CARD		*
	12	CE42597-00A	IR MOUSE		*
[Ca	nada Model				
	1	CP11499-019-A	PACKING CASE		*
	2	CP11387-00D-A	CUSHION ASSY	4pcs in 1set	*
	3	CP30055-A02-A	TOP COVER		*
	4	CP30056-004-A	POLY BAG		*
	Š	OPGA025-03505A	POLY BAG		*
	,	RM-C888-1A	REMOCON UNIT		*
Δ	7	LCT0137-001A-A	INST BOOK	(ENGLISH)	*
$\overline{\Lambda}$	8	LCT0138-001A-A	INST BOOK	(FRENCH)	*
	10	BT-52002-1Q	WARRANTY CARD		*
	11	BT-20071B-Q	SVC CENTER LIST		*
	12	CE42597-00A	IR MOUSE		*

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MEMO -

MEMO -

No. 51393 59

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JVC